

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE\*

FORM APPROVED  
OMB NO. 1040-0136  
Expires: February 28, 1995

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. UTU-78021
TYPE OF WELL <input checked="" type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A
2. NAME OF OPERATOR QUESTAR EXPLORATION & PRODUCTION COMPANY		7. UNIT AGREEMENT NAME N/A
3. ADDRESS 11002 E. 17500 S. Vernal, Ut 84078		8. FARM OR LEASE NAME, WELL NO. GD 1G-34-9-15
Contact: Jan Nelson E-Mail: jan.nelson@questar.com		9. API NUMBER: 43-013-33827
Telephone number Phone 435-781-4331 Fax 435-781-4395		10. FIELD AND POOL, OR WILDCAT Undesignated
4. LOCATION OF WELL (Report location clearly and in accordance with and State requirements*) At Surface 567371X 461' FNL 780' FEL NENE SECTION 34, T9S, R15E At proposed production zone 4427116Y 39.99343 -110.21084		11. SEC., T, R, M, OR BLK & SURVEY OR AREA SEC. 34, T9S, R15E Mer SLB
14. DISTANCE IN MILES FROM NEAREST TOWN OR POSTOFFICE* 20 +/- SOUTHWEST OF MYTON, UTAH		12. COUNTY OR PARISH DUCHE SNE
15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (also to nearest drig, unit line if any) 461' +/-		13. STATE UT
16. NO. OF ACRES IN LEASE 960.00		17. NO. OF ACRES ASSIGNED TO THIS WELL 40
18. DISTANCE FROM PROPOSED location to nearest well, drilling, completed, applied for, on this lease, ft		20. BLM/BIA Bond No. on file ESB000024
19. PROPOSED DEPTH 5,900'		23. Estimated duration 7 days
21. ELEVATIONS (Show whether DF, RT, GR, ect.) 6632.9' GR		22. DATE WORK WILL START ASAP
24. Attachments		

The following, completed in accordance with the requirments of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- Well plat certified by a registered surveyor.
- A Drilling Plan
- A surface Use Plan ( if location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
- Bond to cover the operations unless covered by an exisiting bond on file (see Item 20 above).
- Operator certification.
- Such other site specific information and/or plans as may be required by the authorized officer.

SIGNED

Name (printed/typed) Jan Nelson

DATE 11-10-07

TITLE Regulatory Affairs

(This space for Federal or State office use)

PERMIT NO. 43-013-33827

APPROVAL DATE

Application approval does not warrant or certify the applicant holds any legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY

TITLE

BRADLEY G. HILL  
ENVIRONMENTAL MANAGER

DATE

11-20-07

\*See Instructions On Reverse Side

Title 18 U.S.C Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

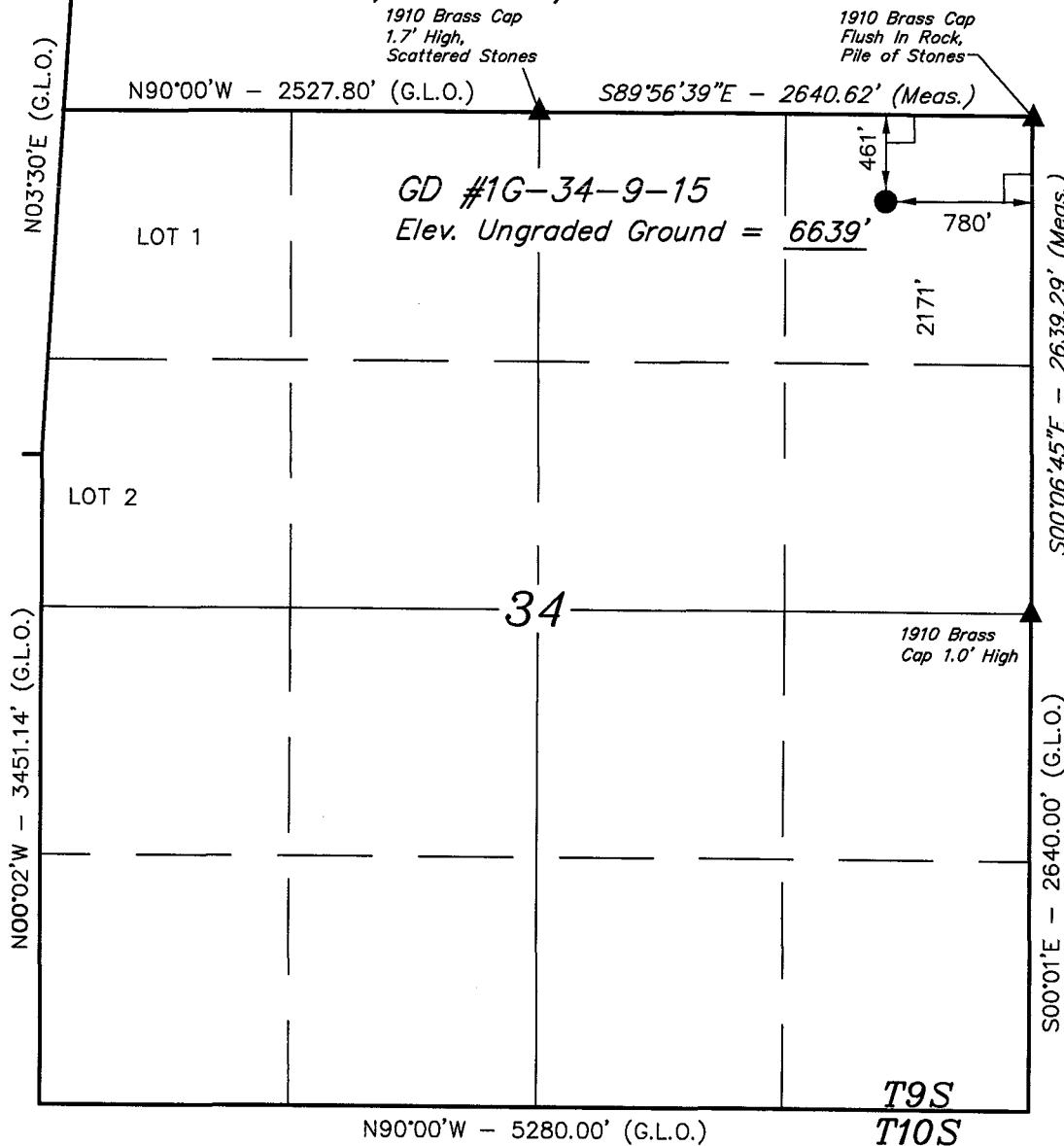
RECEIVED CONFIDENTIAL

NOV 16 2007

DIV. OF OIL, GAS & MINING

Federal Approval of this  
Action is Necessary

**T9S, R15E, S.L.B.&M.**



**LEGEND:**

- └─ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

(AUTONOMOUS NAD 83)  
 LATITUDE = 39°59'36.15" (39.993375)  
 LONGITUDE = 110°12'41.87" (110.211631)  
 (AUTONOMOUS NAD 27)  
 LATITUDE = 39°59'36.28" (39.993411)  
 LONGITUDE = 110°12'39.32" (110.210922)

**QUESTAR EXPLR. & PROD.**

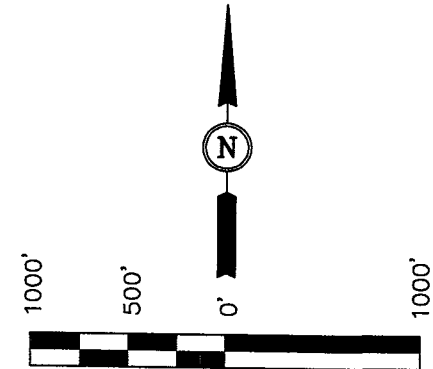
Well location, GD #1G-34-9-15, located as shown in the NE 1/4 NE 1/4 of Section 34, T9S, R15E, S.L.B.&M., Duchesne County, Utah.

**BASIS OF ELEVATION**

BENCHMARK M76 LOCATED IN THE NE 1/4 OF SECTION 27, T9S, R15E, S.L.B.&M. TAKEN FROM THE MYTON SOUTHWEST, QUADRANGLE, UTAH, DUCHESNE COUNTY 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 6491 FEET.

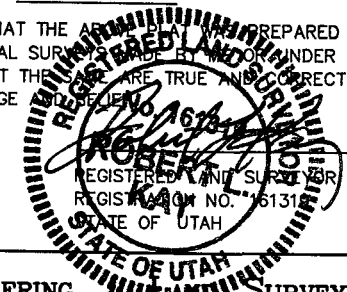
**BASIS OF BEARINGS**

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



**SCALE  
CERTIFICATE**

THIS IS TO CERTIFY THAT THE ABOVE MAP WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEY MADE BY AND UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



**UINTAH ENGINEERING & SURVEYING**  
 85 SOUTH 200 EAST - VERNAL, UTAH 84078  
 (435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 07-31-07	DATE DRAWN: 08-02-07
PARTY D.A. T.R. L.K.	REFERENCES G.L.O. PLAT	
WEATHER HOT	FILE QUESTAR EXPLR. & PROD.	

### **Additional Operator Remarks**

Questar Exploration & Production Company proposes to drill a well to 5,900' to test the Green River formation. If productive, casing will be run and the well completed. If dry, the well will be plugged and abandoned as per BLM and State of Utah requirements".

See attached Onshore Order No. 1

See attached Multi-Point Surface Use & Operations Plan

Please be advised that Questar Exploration & Production Company agrees to be responsible under the terms and conditions of the lease for the operations conducted upon the lease lands.

Bond coverage for this well is provided by Bond No.ESB000024. The principal is Questar Exploration & Production Company via surety as consent as provided for the 43 CFR 3104.2.

DRILLING PROGRAM

ONSHORE OIL & GAS ORDER NO. 1  
Approval of Operations on Onshore  
Federal Oil and Gas Leases

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

1. **Formation Tops**

The estimated tops of important geologic markers are as follows:

<u>Formation</u>	<u>Depth</u>
Uinta	Surface
Green River	2,531'
TD	5,900'

2. **Anticipated Depths of Oil Gas Water and Other Mineral Bearing Zones**

The estimated depths at which the top and bottom of the anticipated water, oil, gas. Or other mineral bearing formations are expected to be encountered are as follows:

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
Oil	Green River	2,531'

All fresh water and prospectively valuable minerals encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

All water shows and water-bearing sands will be reported to the BLM in Vernal, Utah. Copies of State of Utah form OGC-8-X are acceptable. If flows are detected, samples will be submitted to the BLM along with any water analyses conducted. Fresh water will be obtained from Wonsits Valley water right # A36125 (which was filed on May 7, 1964,) or Red Wash water right # 49-2153 (which was filed on March 25, 1960). It was determined by the Fish and Wildlife Service that any water right number filed before 1989 is not depleting to the Upper Colorado River System, to supply fresh water for drilling purposes. All water resulting from drilling operations will be disposed of at Red Wash Central Battery Disposal Site; SWSE, Section 27, T7S, R23E or Wonsits Valley Disposal Site; SWNW, Section 12, T8S, R21E.

## DRILLING PROGRAM

### 3. Operator's Specification for Pressure Control Equipment:

- A. 3,000 psi double gate and 3,000 psi annular BOP (schematic attached).
- B. Functional test daily
- C. All casing strings shall be pressure tested (0.22 psi/foot or 1500 psi, whichever is greater) prior to drilling the plug after cementing; test pressure shall not exceed the internal yield pressure of the casing.
- D. Ram type preventers and associated equipment shall be tested to approved stack working pressure if isolated by test plug or to 50 percent of internal yield pressure of casing whichever is less. BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc..., for a 3M system and individual components shall be operable as designed.

### 4. Casing Design:

Hole Size	Csg. Size	Top (MD)	Bottom (MD)	Wt.	Grade	Thread	Cond.
17-1/2"	14"	sfc	40'	Steel	Cond.	None	Used
12-1/4"	9-5/8"	sfc	4,50'	36.0	J-55	STC	New
7-7/8"	5-1/2"	sfc	5,900'	15.5	J-55	LTC	New

Casing Strengths:				Collapse	Burst	Tensile (minimum)
9-5/8"	36.0 lb.	J-55	STC	2,020 psi	3,520 psi	394,000 lb.
5-1/2"	15.5 lb.	J-55	LTC	4,040 psi	4,810 psi	217,000 lb.

### MINIMUM DESIGN FACTORS:

COLLAPSE: 1.125  
BURST: 1.10  
TENSION: 1.80

Area Fracture Gradient: 0.7 psi/foot  
Maximum anticipated mud weight: 9.5 ppg  
Maximum surface treating pressure: 4,000 psi

DRILLING PROGRAM

5. **Auxiliary Equipment**

- A. Kelly Cock – yes
- B. Float at the bit – no
- C. Monitoring equipment on the mud system – visually and/or PVT/Flow Show
- D. Full opening safety valve on the rig floor – yes
- E. Rotating Head – yes

If drilling with air the following will be used:

- F. The blooie line shall be at least 6" in diameter and extend at least 100' from the well bore into the reserve/blooie pit.
- G. Blooie line ignition shall be provided by a continuous pilot (ignited when drilling below 500').
- H. Compressor shall be tied directly to the blooie line through a manifold.
- I. A mister with a continuous stream of water shall be installed near the end of the blooie lines for dust suppression.

Surface hole will be drilled with air, air/mist, foam, or mud depending on hole conditions. Drilling below surface casing will be with water based drilling fluids consisting primarily of fresh water, bentonite, lignite, caustic, lime, soda ash and polymers. No chromates will be used. It is not intended to use oil in the mud, however, in the event it is used, oil concentration will be less than 4% by volume. Maximum anticipated mud weight is 9.5 ppg.

No minimum quantity of weight material will be required to be kept on location.

PVT/Flow Show will be used from base of surface casing to TD.

Gas detector will be used from surface casing depth to TD.

6. **Testing, logging and coring program**

- A. Cores – none anticipated
- B. DST – none anticipated

DRILLING PROGRAM

- C. Logging – Mud logging – 2000' to TD  
GR-SP-Induction, Neutron Density
- D. Formation and Completion Interval: Green River intervals, final determination of completion will be made by analysis of logs.  
Stimulation – Stimulation will be designed for the particular area of interest as encountered.

7. **Cementing Program**

**14" Conductor:**

Cement to surface with construction cement.

**9-5/8" Surface Casing: sfc – 450' (MD)**

**Lead/Tail Slurry:** 0' – 450'. 160 sks (290 cu ft) Rockies LT cement + 0.25 lb/sk Kwik Seal + 0.125 lb/sk Poly-E-Flake. Slurry wt: 13.5 ppg, Slurry yield: 1.81 ft<sup>3</sup>/sk, Slurry volume: 12-1/4" hole + 100% excess.

**5-1/2" Production Casing: sfc - 5,900' (MD)**

**Lead Slurry:** 0' – 2,000'. 120 sks (460 cu ft) Halliburton Hi-Fill cement + 0.125 lb/sk Poly-E-Flake. Slurry wt: 11.0 ppg, Slurry yield: 3.84 ft<sup>3</sup>/sk, Slurry volume: 7-7/8" hole + 25% excess in open hole section.

**Tail Slurry:** 2,000' – 5,900'. 680 sks (845 cu ft) 50/50 Poz Premium + 0.6% Halad (R)-322 fluid loss + 2.0% Microbond M expander + 0.125 lb/sk Poly-E-Flake. Slurry wt: 14.35 ppg, Slurry yield: 1.24 ft<sup>3</sup>/sk, Slurry volume: 7-7/8" hole + 25% excess.

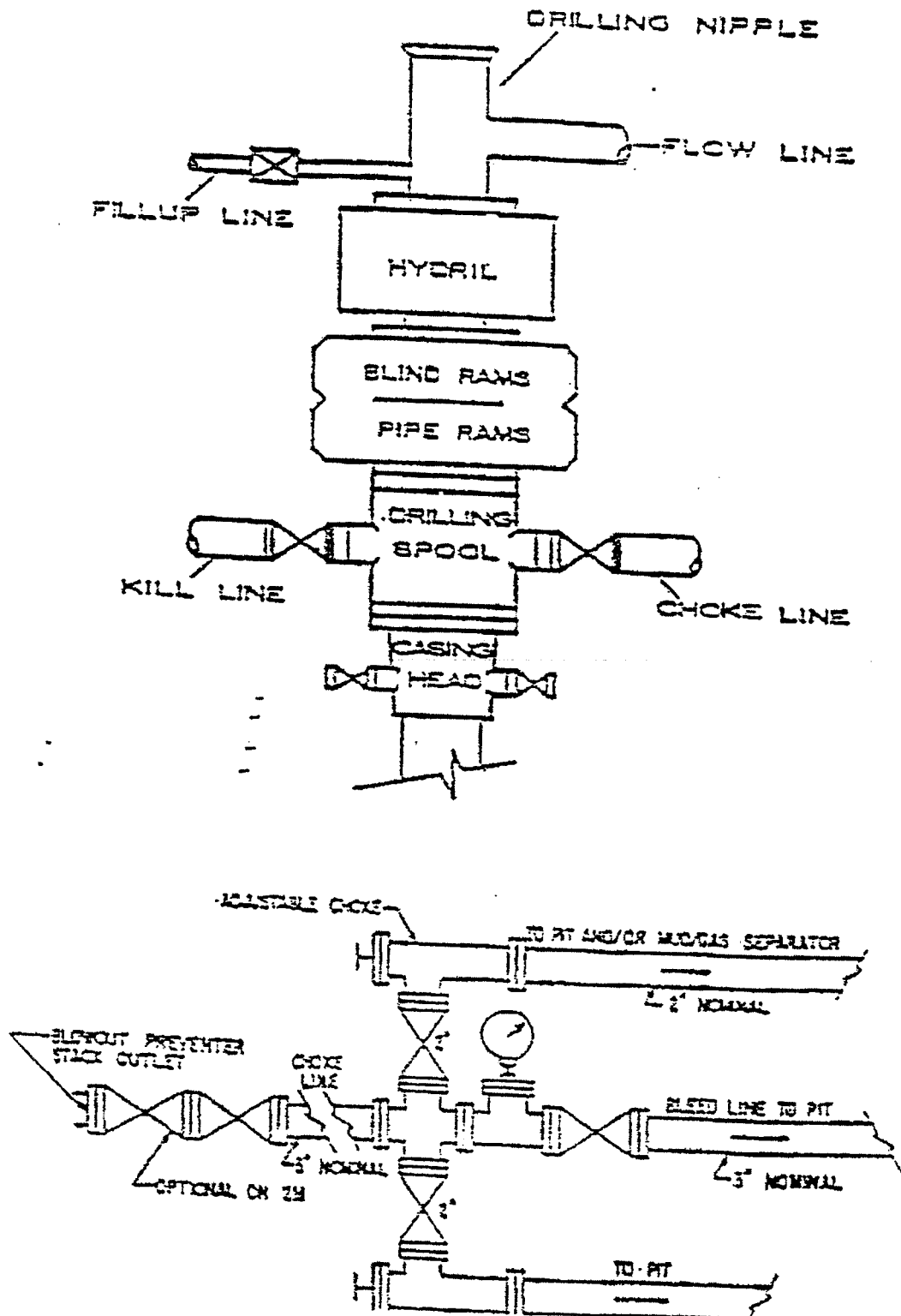
\*Final cement volumes to be calculated from caliper log with an attempt to be made to circulate cement to the surface on the production string. A bond log will be run across the zone of interest and across zones as required by the authorized officer to insure protection of natural resources.

8. **Anticipated Abnormal Pressures and Temperatures, Other Potential Hazards**

No abnormal temperatures or pressures are anticipated. No H<sub>2</sub>S has been encountered in or known to exist from previous wells drilled to similar depths in the general area. Maximum anticipated bottom hole pressure equals approximately 2,900 psi. Maximum anticipated bottom hole temperature is 140° F.

# DRILLING PROGRAM

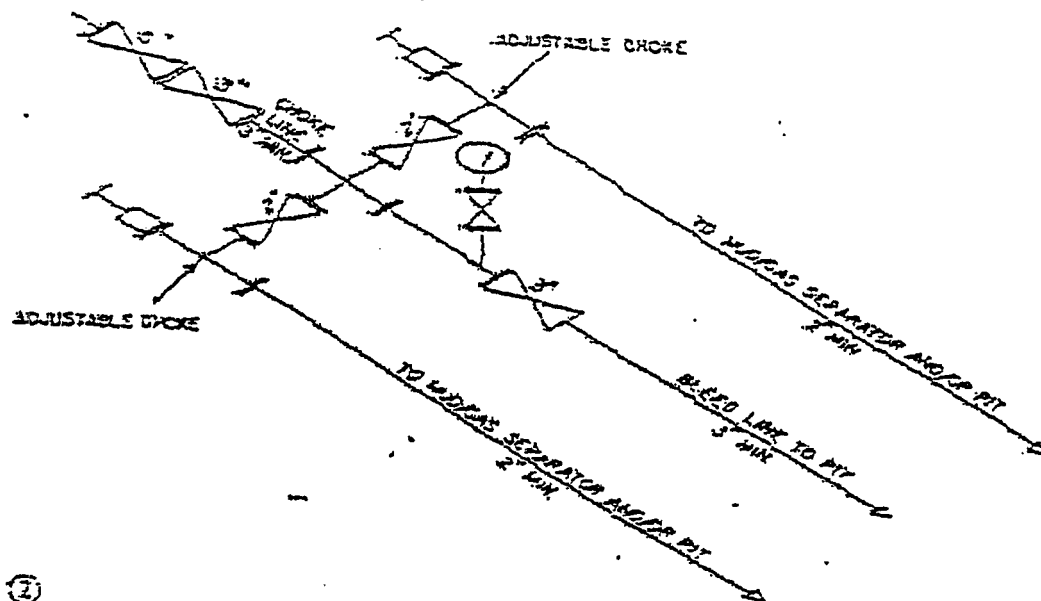
## SCHEMATIC DIAGRAM OF 3,000 PSI BOP STACK





## EXHIBIT A CONTINUED

46312 Federal Register / Vol. 33, No. 233 / Friday, November 13, 1968 / Rules and Regulations



② 3M CHOKES MANIFOLD EQUIPMENT — CONFIGURATION OF CHOKES  
MAY VARY

**QUESTAR EXPLORATION & PRODUCTION COMPANY**  
**GD 1G-34-9-15**  
**461' FNL 780' FEL**  
**NENE, SECTION 34, T9S, R15E**  
**DUCHESNE COUNTY, UTAH**  
**LEASE # UTU-78021**

**MULTI-POINT SURFACE USE & OPERATIONS PLAN**

An on-site inspection was conducted for the GD 1G-34-9-15 on November 7, 2007. Weather conditions were cool and sunny at the time of the onsite. In attendance at the inspection were the following individuals:

Paul Buhler	Bureau of Land Management
Amy Torres	Bureau of Land Management
Jan Nelson	Questar Exploration & Production Company
Raymond Pallesen	Questar Exploration & Production Company
Don Allred	Uintah Engineering & Land Surveying

**1. Existing Roads:**

Questar Exploration & Production Company will access the area of development using existing Duchesne county roads. Primary access will be from the town of Myton, traveling approximately 20 miles southwest on county road 32 (Wells Draw Road).

Refer to Topo Maps A and B for location of access roads within a 2-mile radius.

There will be no improvements made to existing roads.

**2. Planned Access Roads:**

New access roads on BLM surface will be crowned (2 to 3%), ditched, and constructed with a running surface of 18 feet and a maximum disturbed width of 30 feet. Any additional disturbance required due to intersections or sharp curves will be discussed at the on-site and approved by the BLM/VFO AO. Graveling or capping the roadbed will be performed as necessary to provide a well constructed, safe road. Surface disturbance and vehicular traffic will be limited to the approved location and access route or, as proposed by the Operator. Prior to construction or upgrading, the proposed road shall be cleared of any snow and allowed to dry completely.

Access roads and surface disturbing activities will conform to standards outlined in the BLM and Forest Service publication: Surface Operating Standards for Oil and gas Exploration and Development, Fourth Edition 2006.

The road surface and shoulders will be kept in a safe and usable condition and will be maintained in accordance with the original construction standards. All drainage ditches and culverts will be kept clear and free-flowing and will be maintained according to original construction standards. The access road disturbed area will be kept free of trash during operations. All traffic will be confined to the approved road running surface. Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause excess siltation or accumulation of debris in the drainage nor shall the drainage be blocked by the roadbed. If culverts are needed, the location and size of the culverts will be proposed during the on-site. The operator will clean and maintain approved culverts as needed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Should mud holes develop, the holes shall be filled in and detours around the holes avoided. When snow is removed from the road during the winter months, the snow should be pushed outside of the borrow ditches, and the turnouts kept clear so that snowmelt will be channeled away from the road.

Refer to Topo Map B for the location of the proposed access road.

**A Right-of-Way will be required for the part of the road that travels off lease. The part of road that goes off lease is 1056' +/- in length.**

**3. Location of Existing Wells Within a 1-Mile Radius:**

A map will be provided with the site-specific APD showing the location of existing wells within a one mile radius.

Please refer to Topo map C.

**4. Location of Existing and Proposed Facilities:**

Please refer to Topo map D.

The following guidelines will apply if the well is productive.

- A containment dike will be constructed completely around those production facilities which contain fluids (i.e., production tanks, produced water tanks). These dikes will be constructed of compacted impervious subsoil; hold 110% of the capacity of the largest tank; and, be independent of the back cut. If a Spill Prevention, Control, and Countermeasure (SPCC) Plan is required by the Environmental Protection Agency, the containment dike may be expanded to meet SPCC requirements with approval by the BLM/VFO AO. The specific APD will address additional capacity if such is needed due to environmental concerns. **The use of topsoil for the construction of dikes will not be allowed.**
- All loading lines will be placed inside the berm surrounding the tank batteries.
- All permanent (on site six months or longer) above the ground structures

constructed or installed, including pumping units, will be painted Olive Black (#5WA20-6) color as approved by the BLM/VFO AO.

All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded. The required color is Olive Black (#5WA20-6) unless the BLM/VFO AO determines that another color shall be used.

Surface pipelines will be constructed in accordance with the following guidance. A description of the proposed pipeline will be included as part of the site-specific APD.

- Gas: The pipeline will be unpainted steel, 4" inside diameter, welded, schedule #20 or greater, unless noted in the APD. The pipeline will be welded together on location and pulled into place. The pipeline will lay within 20 feet of existing roads, pipelines, or existing route authorizations as much as possible. Pipeline route alternatives will be discussed at the on-site and the resulting proposal will be described in the APD. Road crossings will have a steel casing installed over the pipeline and ramped so the pipeline will not be buried. Pipeline Route Authorizations will be 20' wide and the location noted on maps accompanying the APD. No grading will be allowed unless it is proposed in the APD.
- Oil: The pipeline will be steel, welded, schedule #40 or greater, and consist of (1) 3" inside diameter oil line, one (1) 2" inside diameter oil line and two (2) 1 1/4" inside diameter trace lines. The pipelines will be welded together on location and pulled separately into place. The lines will be banded together in one (1) bundle, insulated, and covered with tin painted Olive Black. The pipeline will lay within 20 feet of existing roads, pipelines, or existing route authorizations as much as possible. Pipeline route alternatives will be discussed at the on-site and the resulting proposal will be described in the APD. Road crossings will have a steel casing installed over the pipeline and ramped so the pipeline will not be buried. Pipeline Route Authorizations will be 20' wide and the location noted on maps accompanying the APD. No grading will be allowed unless it is proposed in the APD.
- Fuel Gas: The pipeline will be a 2" inside diameter, poly pipe with a rating of 160 psi or greater. The line will be laid adjacent to the oil or gas lines following the lines to the location. Pipeline route alternatives will be discussed at the on-site and the resulting proposal will be described in the APD.

## **5. Location and Type of Water Supply:**

Fresh water will be obtained from Wonsits Valley water right # A36125 (which was filed on May 7, 1964,) or Red Wash water right # 49-2153 (which was filed on March 25, 1960). It was determined by the Fish and Wildlife Service that any water right number filed before 1989 is not depleting to the Upper Colorado River System, to supply fresh water for drilling purposes.

**6. Source of Construction Materials:**

Surface and subsoil materials in the immediate area will be utilized.

Any gravel will be obtained from a commercial source.

The use of materials under BLM jurisdiction will conform with 43 CFR 3610.2-3.

**7. Methods of Handling Waste Materials:**

Drill cuttings will be contained and buried in the reserve pit.

Drilling fluids including salts and chemicals, will be contained in the reserve pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit will be used at the next drill site or will be removed and disposed of at an approved waste disposal facility within 120 days after drilling is terminated. Immediately upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1.

Unless specified in the site specific APD, the reserve pit will be constructed on the location and will not be located within natural drainages, where a flood hazard exists or surface runoff will destroy or damage the pit walls. The reserve pit will be constructed so that it will not leak, break, or allow discharge of liquids.

It was determined at the on-site inspection that a pit liner is necessary, the reserve pit will be lined with a synthetic reinforced liner, a minimum of 20 millimeters thick, with sufficient bedding used to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash or scrap will be disposed of in the pit.

Reserve pit leaks are considered an undesirable event and will be orally reported to the AO.

After first production, produced wastewater will be confined to the approved pit or storage tank for a period not to exceed 90 days. During the 90 day period, in accordance with Onshore Order # 7, all produced water will be contained in tanks on location and then hauled to Wonsits Valley water injection station located in the SWNW Section 12, T8S, R21E; or, the Red Wash disposal well located in the NESW, Section 28, T7S, R22E; or, the Red Wash Central Battery Disposal located in SWSE, Section 27, T7S, R23E, or third-party surface evaporative pits.

Pit reclamation will be accomplished using the following procedures:

- Lined pits: Free liquids will be removed to the focus area hauling – designated on the GD 8G-34-9-15 Central Battery enlarged reserve pit where enhanced evaporation system will be used. Liners will be ruptured when emptied to allow the remaining liquid to be adequately mixed and to promote additional drying of the pit area.

Produced water, oil, and other byproducts will not be applied to roads or well pads for control of dust or weeds. The dumping of produced fluids on roads, well sites, or other areas will not be allowed.

Any spills of oil, gas, salt water, or other noxious fluids will be immediately cleaned up and removed to an approved disposal site. The spills will be reported to the AO and other authorities as appropriate.

A chemical porta-toilet will be furnished with the drilling rig. The chemical porta-toilet wastes will be hauled to Ashley Valley Sewer and Water System for disposal.

Garbage, trash, and other waste materials will be collected in a portable, self-contained, fully enclosed trash cage during operations. Trash will not be burned on location. All debris and other waste material not contained in the trash cage will be cleaned up and removed from the location immediately after removal of the drilling rig. All trash and waste material will be hauled to the Uintah County Landfill.

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completing of wells. Furthermore, extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will not be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completing of wells within these areas. Specific APD's shall address any modifications from this policy.

**8. Ancillary Facilities:**

None anticipated.

**9. Well Site Layout:**

A Location Layout Diagram describing drill pad cross-sections, cuts and fills, and locations of mud tanks, reserve pits, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and the surface material stockpile(s) will be included with the site specific APD.

Please see the attached diagram rig orientation, parking areas, and access roads, as well as the location of the following:

- The reserve pit.
- The stockpiled topsoil (first six inches), will not be used for facility berms. All brush removed from the well pad during construction will be stockpiled with the topsoil.
- The flare pit or flare box will be located downwind from the prevailing wind direction.

- Any drainage that crosses the well location will be diverted around the location by using ditches, water diversion drains or berms. If deemed necessary at the on-site, erosion drains may be installed to contain sediments that could be produced from access roads and well locations.

#### 10. **Fencing Requirements:**

Each existing fence to be crossed by an access road shall be braced and tied off before cutting the wire. A 16 foot cattleguard will then be installed. The cattleguard will be installed on permanent concrete or treated timber bases. QEP will assume the maintenance of all such cattleguards.

Any open pits will be fenced during the operations. The fencing will be maintained until such time as the pits are backfilled.

All pits will be fenced according to the following minimum standards:

- 39 inch net wire will be used with at least one strand of barbed wire on top of the net wire. Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.
- The net wire shall be no more than two inches above the ground. The barbed wire shall be three inches over the net wire. Total height of the fence shall be at least 42 inches.
- Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.
- Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any 2 fence posts shall be no greater than 16 feet.
- All wire shall be stretched using a stretching device before it is attached to corner posts.
- The reserve pit will be fenced on three (3) sides during drilling operations. The fourth side will be put in place when the rig moves off location. The pit will be fenced and maintained until it is backfilled. If drilling operations does not commence within 3 days, the fourth side of the fence will be installed.

## **11. Reclamation Plan:**

### **Long-Term Reclamation**

Long-term reclamation will be conducted on all disturbed areas no longer required for field operations. This includes unnecessary portions of the well pads after completion and throughout the well's production period, road outcrops, and pipeline corridors. Long-term reclamation will be conducted on pads and roads for non-producing wells and on pads for wells that have reached the end of their productive life (includes facility removal and complete well pad and access road reclamation). Because long-term reclamation will occur throughout the life of the project, this plan does not differentiate between "interim" and "final" reclamation. All long-term reclamation is considered final unless monitoring shows the need for additional reclamation action. Long-term reclamation will return as much of the well pad as possible to its predisturbance condition as quickly as possible. Long-term reclamation will increase habitat patch sizes and reduce habitat fragmentation for sagebrush obligate species.

### **Temporary Reclamation, Soil Stabilization, and Erosion Control**

Topsoil that will be stored more than 2 years before long-term reclamation begins will be stabilized and windrowed, where possible, to a depth of 2 – 3 feet at a specified location near the margin of the well site as determined at the on-site inspection.

- Windrowed topsoil will then be broadcast-seeded with an approved seed mixture and raked or dragged with a chain, immediately after windrowing.
- Other erosion control techniques will be applied where necessary and may include:
  - diversion ditch design and construction
  - sediment control basin design and construction
  - straw or hay bale check dams
  - rock check dams
  - sediment fence
  - energy dissipaters

All runoff and erosion control structures will be inspected, maintained, and cleaned-out by the Operator on a regular basis throughout the life of the project. Inspections will occur after runoff events (e.g., spring runoff, storm events).

### **Topsoil and Spoil Handling**

Topsoil will be salvaged from all proposed disturbance areas and stockpiled separately from subsoil materials. Topsoil salvaged from the reserve pit will be stockpiled separately near the reserve pit.

Topsoil stockpiles will be adequately protected until replaced on the surface during reclamation. Temporary erosion control measures such as temporary vegetation cover, application of mulch, netting, or soil stabilizers may be used in some areas to minimize wind and water erosion and sedimentation prior to vegetation establishment.



## **Surface Preparation**

### Backfilling, Grading, and Contouring

Areas to be reclaimed will be graded to approximate original contours and to blend in with adjacent topography. Area-wide drainage will be restored so that surface runoff flows and gradients are returned to the condition present prior to development. Graded surfaces will be suitable for the replacement of a uniform depth of topsoil, will promote cohesion between subsoil and topsoil layers, will reduce wind erosion, and will facilitate moisture capture. Specialized grading techniques may be applied, if warranted, and could include slope rounding, bench grading, stair-step grading/terracing, and/or contour furrowing.

Dozers, loaders, scrapers, and motor graders are typically used for backfilling and grading.

### Reserve Pit Evaporation

After the well has been completed and is put into production, the reserve pit will be evaporated. Depending on the time of year and precipitation accumulations, the reserve pit may evaporate naturally. If the reserve pit will not evaporate naturally within one summer season (i.e., June – August) after drilling is completed, alternative evaporation techniques may be applied. Some alternative techniques may include:

- Trickle Systems
- Evaporation Mistlers and Aerators
- Evaporation Ponds (with approved regulatory filings)
- Pit Solidification
- Water Hauling
  - Haul non-reusable water to an approved disposal facility.
  - Haul or polypipe re-useable water to another reserve pit to be used in the drilling process; water filters may be used if necessary.
  - Focus area hauling – Designate one slightly enlarged reserve pit in a focus area to be used as the evaporation pit for 23 other wells; haul or polypipe non-reusable drilling water within the focus area to the designated pit to be evaporated. This will facilitate rapid pit closure and reclamation on all other well pads within the focus area.

Once the reserve pit is as dry as possible, all debris in the pit will be removed. Excess pit liner will be cut off and removed and the remaining liner will be torn and perforated while backfilling the pit. The liner will be buried to a minimum of 4 feet deep. The reserve pit will be backfilled and recontoured to blend with the natural landscape. The reserve pit will be crowned convexly to allow for settling and prevent standing water.

### Ripping and Discing

Compacted areas such as roads and well pads will be ripped to a depth of 12 – 18 inches to improve soil aeration, water infiltration, and root penetration. Ripped areas will be disced, if necessary, to fill in deep furrows (where topsoil would be lost) and break up large clods (to which topsoil will not adhere).

Motor graders or tractors equipped with ripping shanks are typically used for ripping. Ripper shanks will be set approximately 1 – 2 feet apart. Discing is typically accomplished using a tractor-drawn disc set 2 – 6 inches deep.

### **Seedbed Preparation**

Seedbed preparation maximizes seeding efficiency and improves reclamation success. It includes topsoil replacement and various cultivation techniques. Cultivation techniques may include one or more of the following:

- plowing
- chisel plowing
- discing
- chaining
- rotary hoeing
- harrowing
- cultipacking
- extreme surface roughening
- pitting

### **Topsoil Replacement**

Waterbars and erosion control devices will be installed on reclaimed areas prior to topsoil replacement, as necessary, to control topsoil erosion. Stockpiled topsoil will be redistributed uniformly on areas to be reclaimed.

Topsoil is typically replaced using scrapers, dozers, and/or motorgraders.

### **Revegetation**

#### **Seeding**

Once the topsoil is replaced, seeding will occur generally between September 15 and freeze-up. If fall seeding is not feasible, seeding may occur between spring thaw and May 15. Seeding will not be applied to wet or frozen ground. In this circumstance, seeding will take place when the ground dries or thaws to the point where soils are friable.

Reclaimed areas will be seeded with seed mixtures that will restore disturbed sites so that they closely resemble pre-disturbance plant communities. Seed mixtures will be developed based on the following criteria: general conditions within the analysis area, species adaptations to site condition, usefulness of the species for rapid site stabilization, species success in past revegetation efforts, and seed costs and availability.

The seed mixture and seeding rates will be recommended by the BLM authorized officer (AO) at the on-site inspection and included in the Application for Permit to Drill (APD) or Right-of-Way (ROW). Alternative species and seeding rates may be used at the Operator's discretion with BLM approval, if warranted by site-specific conditions or seed availability, provided that the alternative species/seeding rates facilitate achieving reclamation success and all modifications are documented.

Seed mixtures will be certified weed-free.

Seed will be drilled on the contour to an appropriate depth. When drill-seeding is not practical due to steep slopes or rocky surfaces, seeding rates would be doubled, seed would be broadcast, and the area would be raked, "walked" with tracked equipment, or dragged with a chain or harrow to cover seed.

### **Mulching**

Dry mulch may be considered as one method to enhance the reestablishment of desired plant communities. Where mulching is deemed appropriate, the reclaimed area will be uniformly mulched with certified weed-free grass, hay, small grain straw, wood fiber, and/or live mulch at a rate of 1.5 - 2 tons/acre. Alternatively, cotton, jute, or synthetic netting could be applied. Mulch will be crimped into the soil, tackified, or incorporated into erosion control blankets to prevent it from blowing or washing away and from entering waterways. Mulch will protect the soil from wind and water erosion, raindrop impact, and surface runoff and will help to hold seeds in place.

Alternative mulching techniques may be considered on steep slopes where it is unsafe to operate equipment, at sites where soils have 35 percent or more surface rock content, or on notably unstable areas. Alternative techniques may include hydromulch, biodegradable erosion control netting, or matting and will be firmly attached to the surface.

### **Monitoring**

QEP will work with the BLM to monitor the success of interim and final reclamation. QEP will monitor the success of reclamation with documentation for 3 years. If QEP and an authorized officer for the BLM determine the reclamation has not been successful after the second growing season, QEP will take remedial action.

### **Debris**

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, materials, trash, and debris not required for production.

### **Weed Control**

The Operator will be responsible for noxious and invasive weed control from all project activities for the life of project. If use of herbicides is deemed necessary by Operators, a Pesticide Use Permit will be submitted for approval to the BLM. Herbicides will be used only in the season or growth stage during which they are most effective. Herbicides will be applied only by certified personnel using approved precautionary and application procedures in compliance with all applicable federal, state, and local regulations. Herbicides will not be used within 100 feet of open water or during extremely windy conditions. Aerial application of herbicides will be prohibited within 0.25 mile of known special status plant species locations and hand application of herbicides will not occur within 500 feet of such occurrences. Certified weed-free seed mixtures and mulches will be used, thereby minimizing the potential for noxious weed introduction.

Mowing may be considered as an alternative to herbicide applications. Mowing would be implemented prior to seed head establishment or bloom.

Halogeton (*Halogeton glomeratus*) is of particular concern to many land managers. Halogeton, a summer annual, was introduced into North America as late as 1930 and has rapidly spread becoming a serious rangeland weed. It has become common in dry deserts, barren areas, overgrazed prairies, roadsides, and other disturbed areas where native vegetation has been removed. Dense stands are found on burned-over areas, overgrazed ranges, dry lakebeds, roadsides, and abandoned dry farms. Halogeton cannot compete with desirable forage. Consistent monitoring and control techniques will facilitate rapid revegetation of desirable forage thereby reducing the spread of Halogeton.

A weed control program will be applied to all existing and proposed access roads, pipeline ROWs, and well pads. Weed control involves annual treatments that are monitored and continued until desirable vegetation out-competes invasive or noxious weeds.

### **Dry Hole/Abandoned Location**

On lands administered by the BLM, abandoned well sites, roads, and other disturbed areas will be restored as near as practical to their original condition. Where applicable, these conditions may include the reestablishment of irrigation systems; reestablishment of appropriate soil conditions; and, the reestablishment of vegetation as specified.

All disturbed surfaces will be recontoured to approximate natural contours, with reclamation of the well pad and access road to be performed as soon as practical after final abandonment.

At final abandonment, the Operator will cap the casing with a metal plate a minimum of 0.25 inch thick. The cap will be welded in place and the well location and identity will be permanently inscribed on the cap. The cap will be constructed with a weep hole. The depth of the permanent cap will be determined at the time of final abandonment. Long-term reclamation will then be applied and will follow the reclamation process described in this plan. When reclamation is deemed successful by the Operator and the BLM, the Operator will request a bond release.

### **SEED MIX:**

#### *Interim Reclamation:*

*6 lbs Crested Wheat Grass*

*6 lbs Needle & Thread*

#### *Final Reclamation:*

*Seed Mix # 6*

*3 lbs Wyoming Big Sage Brush, 3 lbs Shad scale, 3 lbs Indian Rice Grass, 4 lbs Crested Wheat Grass*

**12. Surface Ownership:**

The well pad and access road are located on lands owned by:  
Bureau of Land Management  
170 South 500 East  
Vernal, UT 84078  
(435) 781-4400

**13. Other Information:**

Drilling rigs and/or equipment used during drilling operations will not be stacked or stored on Federal lands on BLM administered lands after the conclusion of drilling operations or at any other time without authorization by the BLM/VFO Authorized Officer. If BLM authorization is obtained, such storage is only a temporary measure.

A Class III archeological survey was conducted by Montgomery Archaeology Consultants. A copy of the report was submitted directly to the appropriate agencies by Montgomery Archaeology Consultants. Cultural resource clearance has been recommended for this project. If these surveys identify areas with a high probability of encountering potentially significant subsurface archaeological sites, QEP would provide a qualified archaeologist to monitor surface disturbance. If historic or archaeological materials are uncovered during construction, the Operator is to immediately stop work that might further disturb such materials and contact the Authorized Officer.

A paleontological survey was conducted by Intermountain Paleo Consulting. A copy of this report was submitted directly to the appropriate agencies by Stephen D. Sandau. The inspection for this project resulted in no signs of vertebrate fossils. Nevertheless, if any vertebrate fossils(s) are found during construction within the project area, QEP will report all occurrences of paleontological resources discovered to a geologist with the Vernal Field Office of the BLM.

There is a Deer and Elk Winter Range Stipulation from December 1st to April 30th. No construction or drilling will commence during this period unless otherwise determined by a wildlife biologist that the site is inactive.

A suitable muffler will be installed on pumping unit to help reduce noise control.

After pit has been reclaimed, ditch around location.

Keep spoil piles out of drainage.

Stock pile trees, mulch and respread over the location during interim reclamation.

Additional top soil pile near corner 6.

Construct a highwater crossing at the major wash with an 18" culvert for spillway.

All pipelines will be anchored and supported where it crosses drainages.

**Lessee's or Operator's Representative:**

Jan Nelson  
Red Wash Rep.  
Questar Exploration & Production Company  
11002 East 17500 South  
Vernal, Utah 84078  
(435) 781-4331

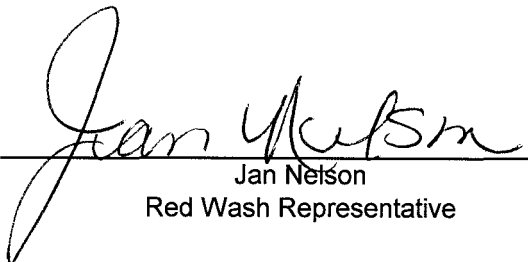
**Certification:**

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil & Gas Orders, the approved plan of operations, and any applicable Notice to Lessees.

Questar Exploration & Production Company will be fully responsible for the actions of their subcontractors.

A complete copy of the approved Application for Permit to Drill will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Questar Exploration & Production Company it's contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

  
\_\_\_\_\_  
Jan Nelson  
Red Wash Representative

\_\_\_\_\_  
11/10/07  
Date

# QUESTAR EXPLR. & PROD.

**GD #1G-34-9-15**

LOCATED IN DUCHESNE COUNTY, UTAH  
SECTION 34, T9S, R15E, S.L.B.&M.

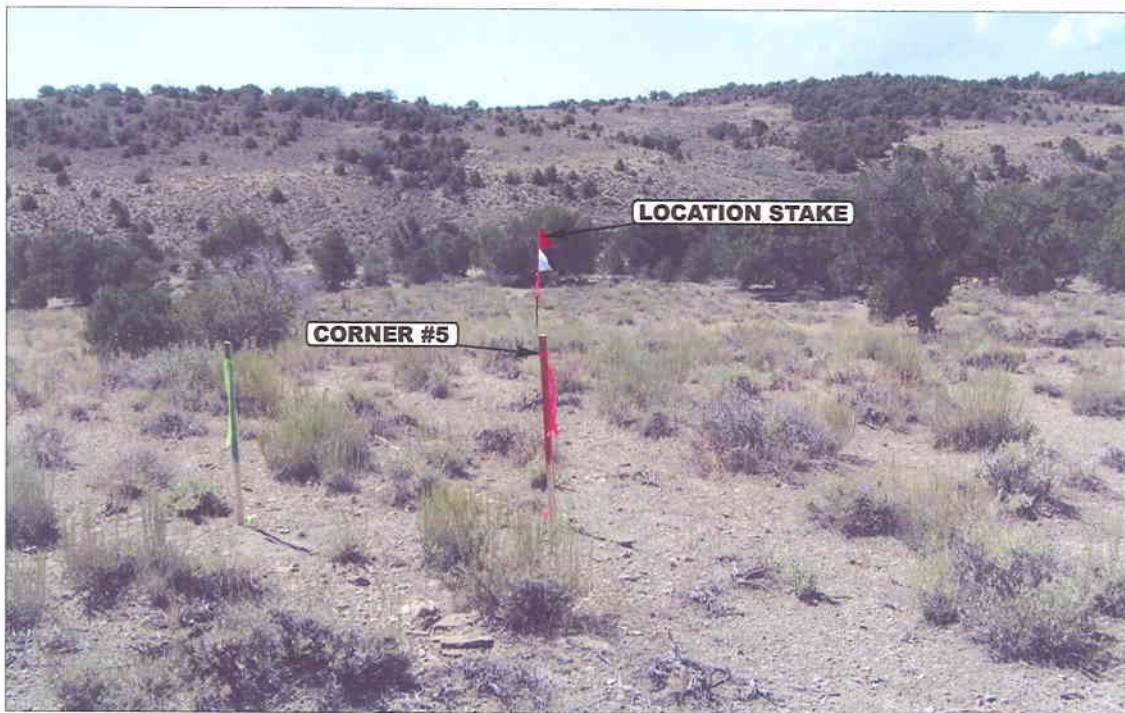


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHEASTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: EASTERLY



- Since 1964 -

**UELS** Uintah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
435-789-1017 uels@uelsinc.com

**LOCATION PHOTOS**

**08** **06** **07**  
MONTH DAY YEAR

**PHOTO**

TAKEN BY: D.A.

DRAWN BY: C.P.

REVISED: 00-00-00

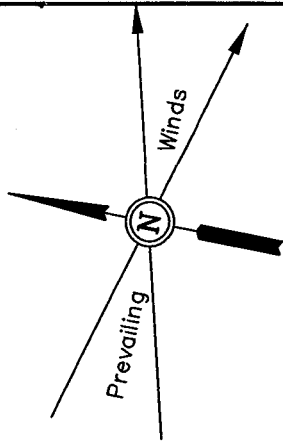


# QUESTAR EXPLR. & PROD.

FIGURE #1

## LOCATION LAYOUT FOR

GD #1G-34-9-15  
SECTION 34, T9S, R15E, S.L.B.&M.  
461' FNL 780' FEL

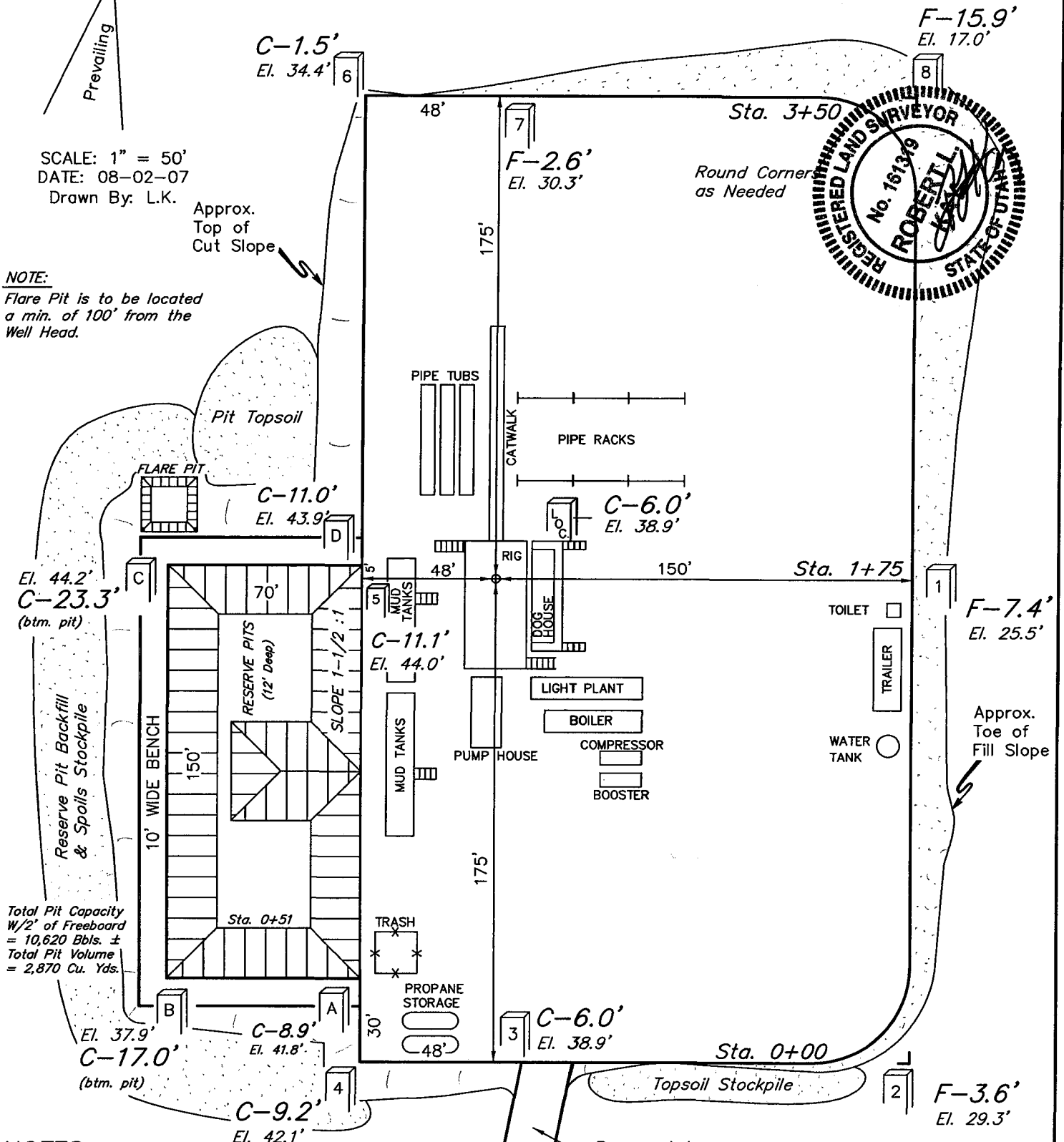


SCALE: 1" = 50'  
DATE: 08-02-07  
Drawn By: L.K.

Approx.  
Top of  
Cut Slope

### NOTE:

Flare Pit is to be located  
a min. of 100' from the  
Well Head.



### NOTES:

Elev. Ungraded Ground At Loc. Stake = 6638.9'  
FINISHED GRADE ELEV. AT LOC. STAKE = 6632.9'

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East \* Vernal, Utah 84078 \* (435) 789-1017



# QUESTAR EXPLR. & PROD.

FIGURE #2

## TYPICAL CROSS SECTIONS FOR

GD #1G-34-9-15

SECTION 34, T9S, R15E, S.L.B.&M.

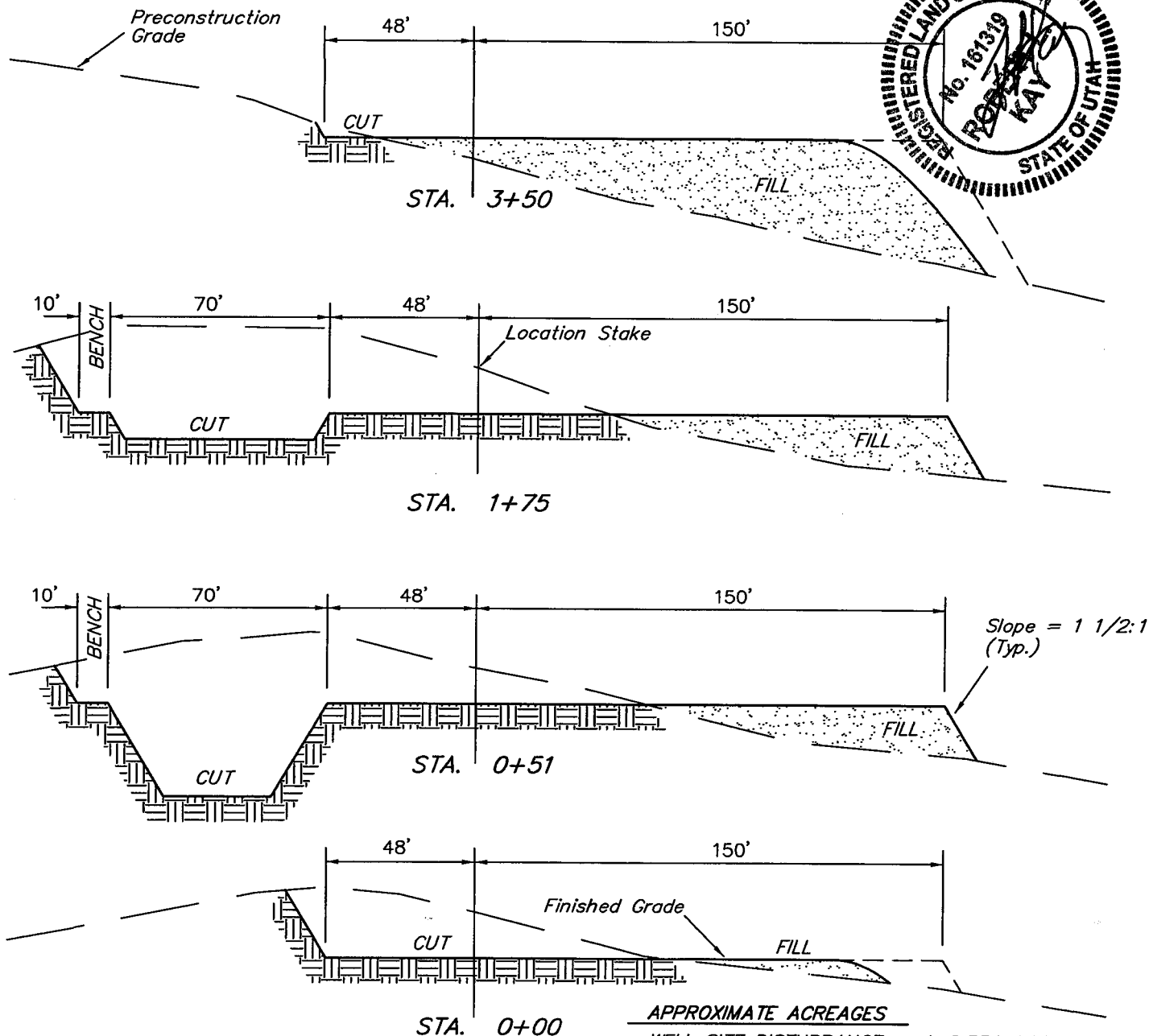
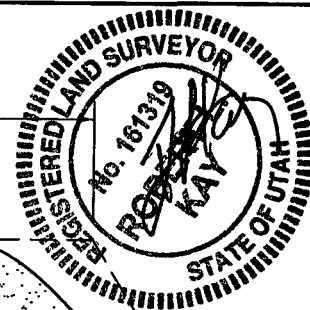
461' FNL 780' FEL

NOTE:

Topsoil should not be Stripped Below Finished Grade on Substructure Area.

1" = 20'  
X-Section Scale  
1" = 50'

DATE: 08-02-07  
Drawn By: L.K.



### APPROXIMATE ACREAGES

WELL SITE DISTURBANCE = ± 2.554 ACRES

ACCESS ROAD DISTURBANCE = ± 0.061 ACRES

TOTAL = ± 2.615 ACRES

### APPROXIMATE YARDAGES

\* NOTE:  
FILL QUANTITY INCLUDES  
5% FOR COMPACTION

CUT  
(6") Topsoil Stripping = 1,900 Cu. Yds.  
Remaining Location = 13,280 Cu. Yds.  
TOTAL CUT = 15,180 CU.YDS.  
FILL = 11,840 CU.YDS.

Excess Material = 3,340 Cu. Yds.  
Topsoil & Pit Backfill = 3,340 Cu. Yds.  
(1/2 Pit Vol.)  
EXCESS UNBALANCE = 0 Cu. Yds.  
(After Interim Rehabilitation)

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QUESTAR EXPLR. & PROD.

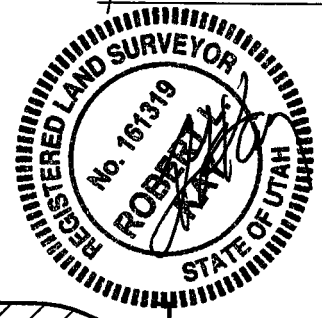
INTERIM RECLAMATION PLAN FOR

GD #1G-34-9-15

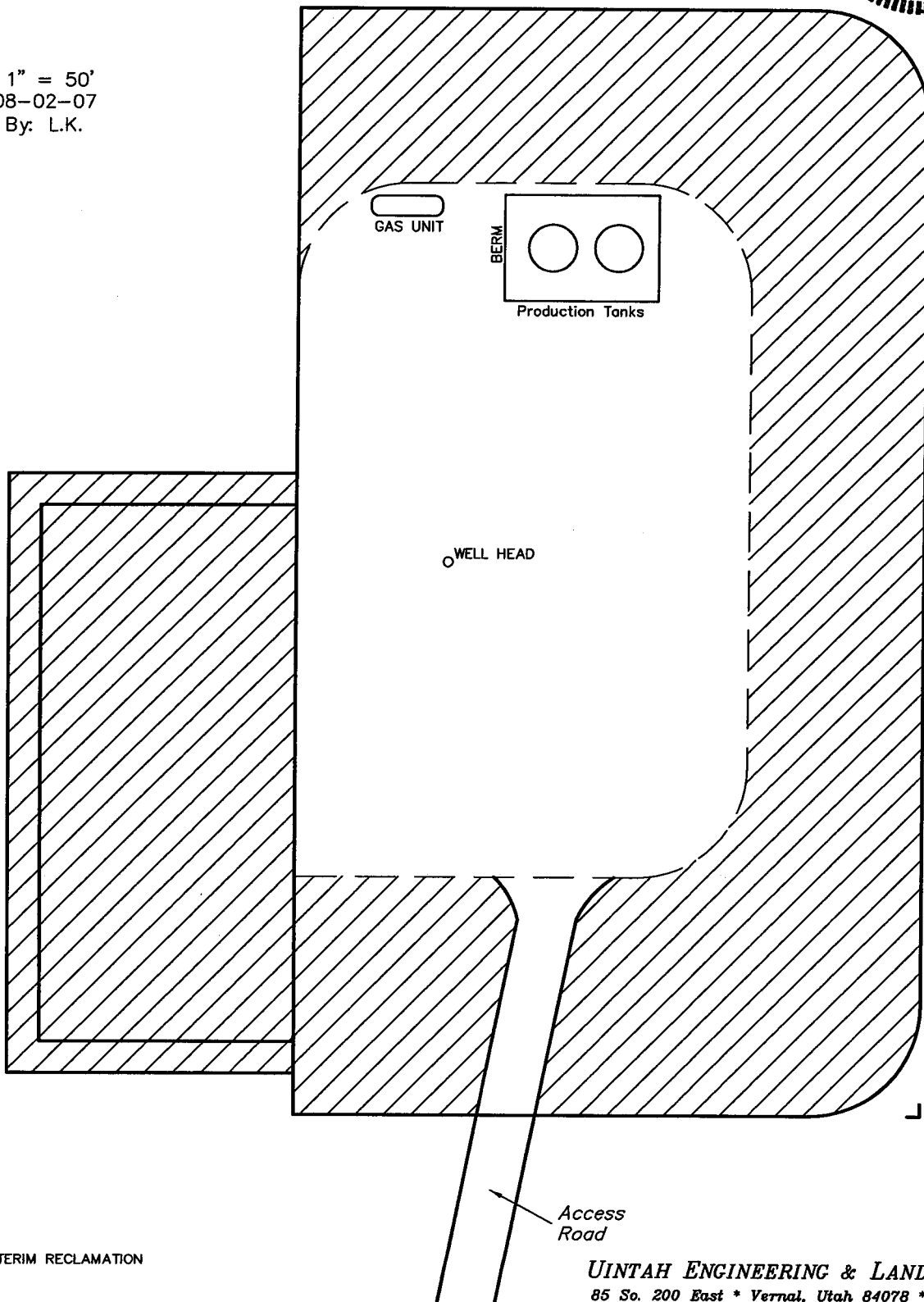
SECTION 34, T9S, R15E, S.L.B.&M.

461' FNL 780' FEL

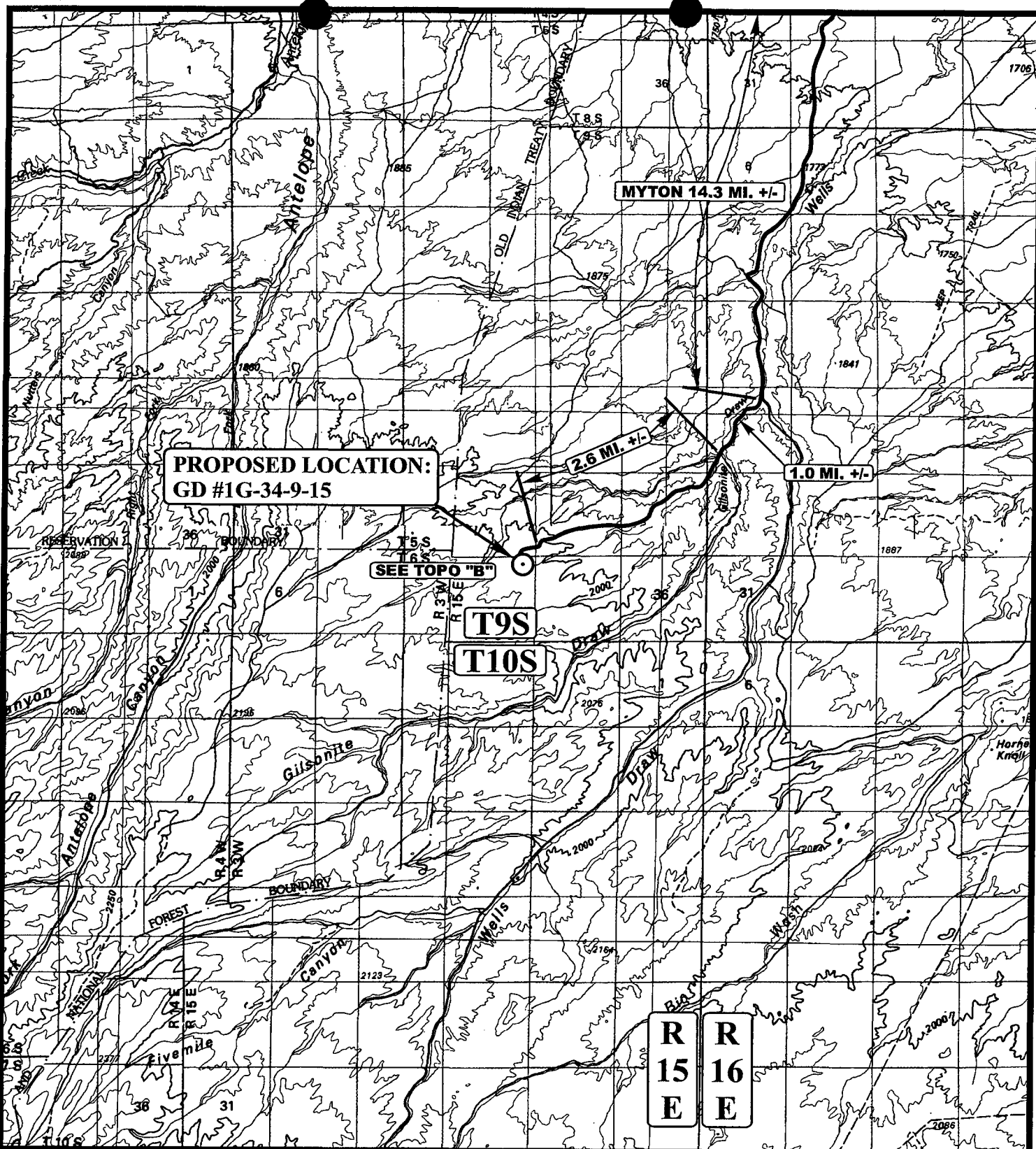
FIGURE #3



SCALE: 1" = 50'  
DATE: 08-02-07  
Drawn By: L.K.



UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East \* Vernal, Utah 84078 \* (435) 789-1017



# LEGEND:

○ PROPOSED LOCATION

## QUESTAR EXPLR. & PROD.

GD #1G-34-9-15  
SECTION 34, T9S, R15E, S.L.B.&M.  
461' FNL 780' FEL



Uintah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813



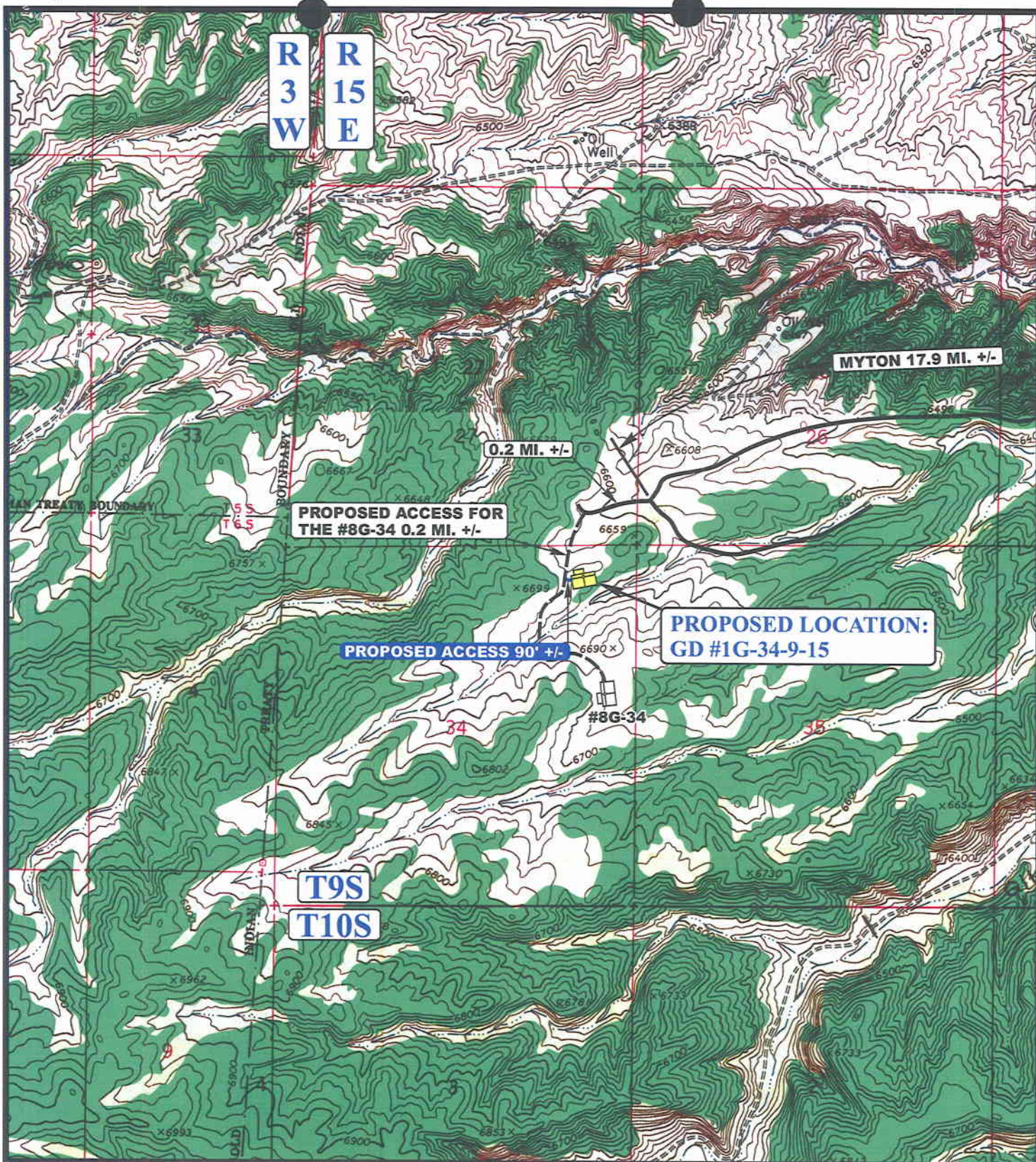
TOPOGRAPHIC  
MAP

08 06 07  
MONTH DAY YEAR

SCALE: 1:100,000 DRAWN BY: C.P. REVISED: 00-00-00







# LEGEND:

EXISTING ROAD  
 PROPOSED ACCESS ROAD

## QUESTAR EXPLR. & PROD.

GD #1G-34-9-15  
SECTION 34, T9S, R15E, S.L.B.&M.  
461' FNL 780' FEL



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85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813



**TOPOGRAPHIC**  
**MAP**

**08** **06** **07**  
MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: C.P. REVISED: 00-00-00

**B**  
**TOPO**





# LEGEND:

- DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- WATER WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED

## QUESTAR EXPLR. & PROD.

GD #1G-34-9-15  
SECTION 34, T9S, R15E, S.L.B.&M.  
461' FNL 780' FEL



Uintah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

TOPOGRAPHIC  
MAP

08 06 07  
MONTH DAY YEAR

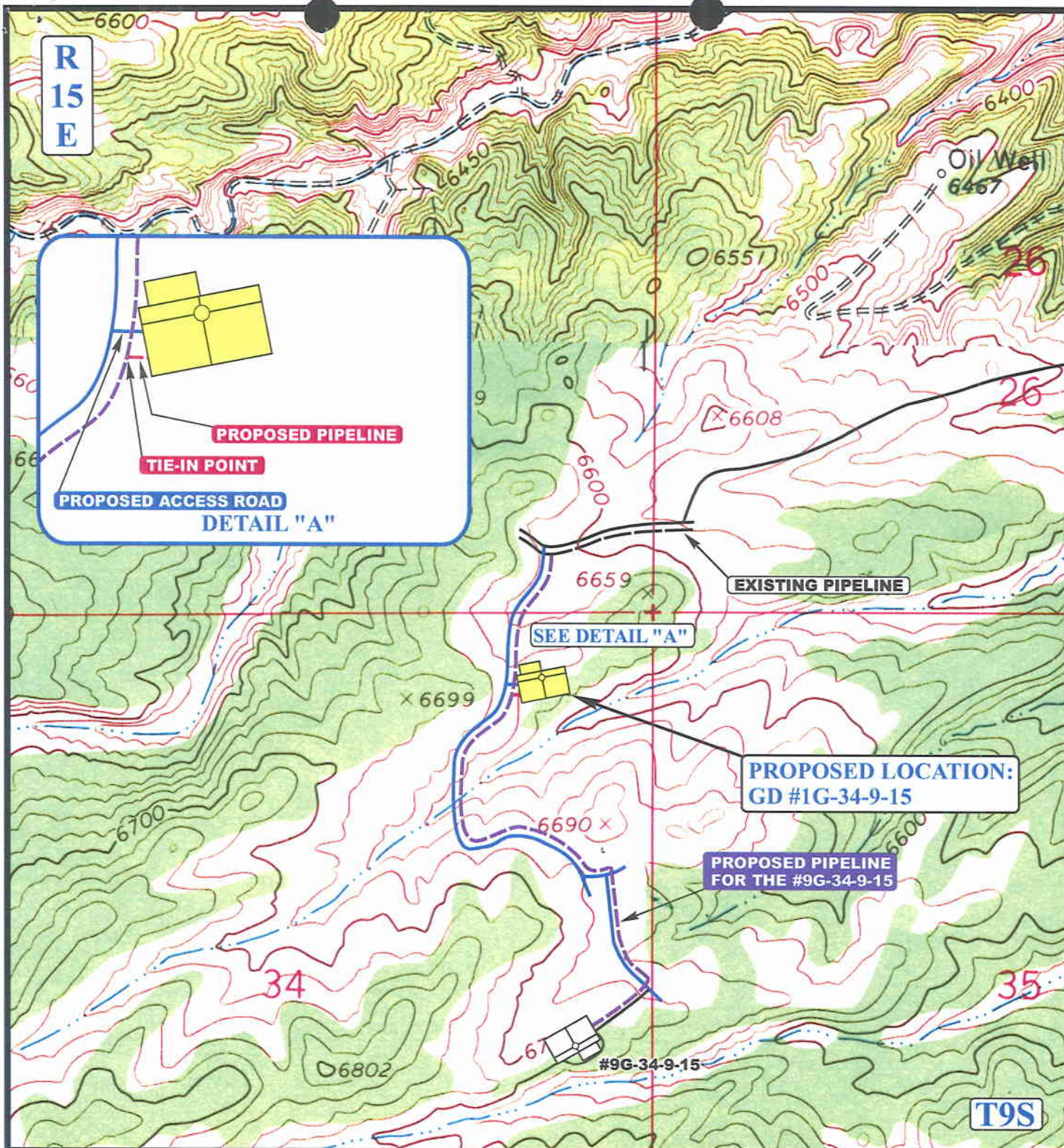
SCALE: 1" = 2000'

DRAWN BY: C.P.

REVISED: 00-00-00







**APPROXIMATE TOTAL PIPELINE DISTANCE = 74' +/-**

**LEGEND:**

- PROPOSED ACCESS ROAD
- EXISTING PIPELINE
- - - - PROPOSED PIPELINE
- - - - PROPOSED PIPELINE (SERVICING OTHER WELLS)



**QUESTAR EXPLR. & PROD.**

**GD #1G-34-9-15**  
**SECTION 34, T9S, R15E, S.L.B.&M.**  
**461' FNL 780' FEL**



**Uintah Engineering & Land Surveying**  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813

**TOPOGRAPHIC**  
**MAP**

**08 06 07**  
 MONTH DAY YEAR

SCALE: 1" = 1000' DRAWN BY: C.P. REV: 09-28-07 C.C.



**WORKSHEET**  
**APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 11/16/2007

API NO. ASSIGNED: 43-013-33827

WELL NAME: GD 1G-34-9-15

OPERATOR: QUESTAR EXPLORATION & ( N5085 )

PHONE NUMBER: 435-781-4331

CONTACT: JAN NELSON

PROPOSED LOCATION:

NENE 34 090S 150E

SURFACE: 0461 FNL 0780 FEL

BOTTOM: 0461 FNL 0780 FEL

COUNTY: DUCHESNE

LATITUDE: 39.99343 LONGITUDE: -110.2108

UTM SURF EASTINGS: 567371 NORTHINGS: 4427116

FIELD NAME: UNDESIGNATED ( 2 )

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-78021

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

☒ Plat  
☒ Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. ESB000024 )  
☒ Potash (Y/N)  
☒ Oil Shale 190-5 (B) or 190-3 or 190-13  
☒ Water Permit  
(No. 49-2153 )  
☒ RDCC Review (Y/N)  
(Date: )  
☒ Fee Surf Agreement (Y/N)  
☒ Intent to Commingle (Y/N)

LOCATION AND SITING:

\_\_\_ R649-2-3.

Unit: \_\_\_\_\_

☒ R649-3-2. General

Siting: 460 From Qtr/Qtr & 920' Between Wells

\_\_\_ R649-3-3. Exception

\_\_\_ Drilling Unit

Board Cause No: \_\_\_\_\_

Eff Date: \_\_\_\_\_

Siting: \_\_\_\_\_

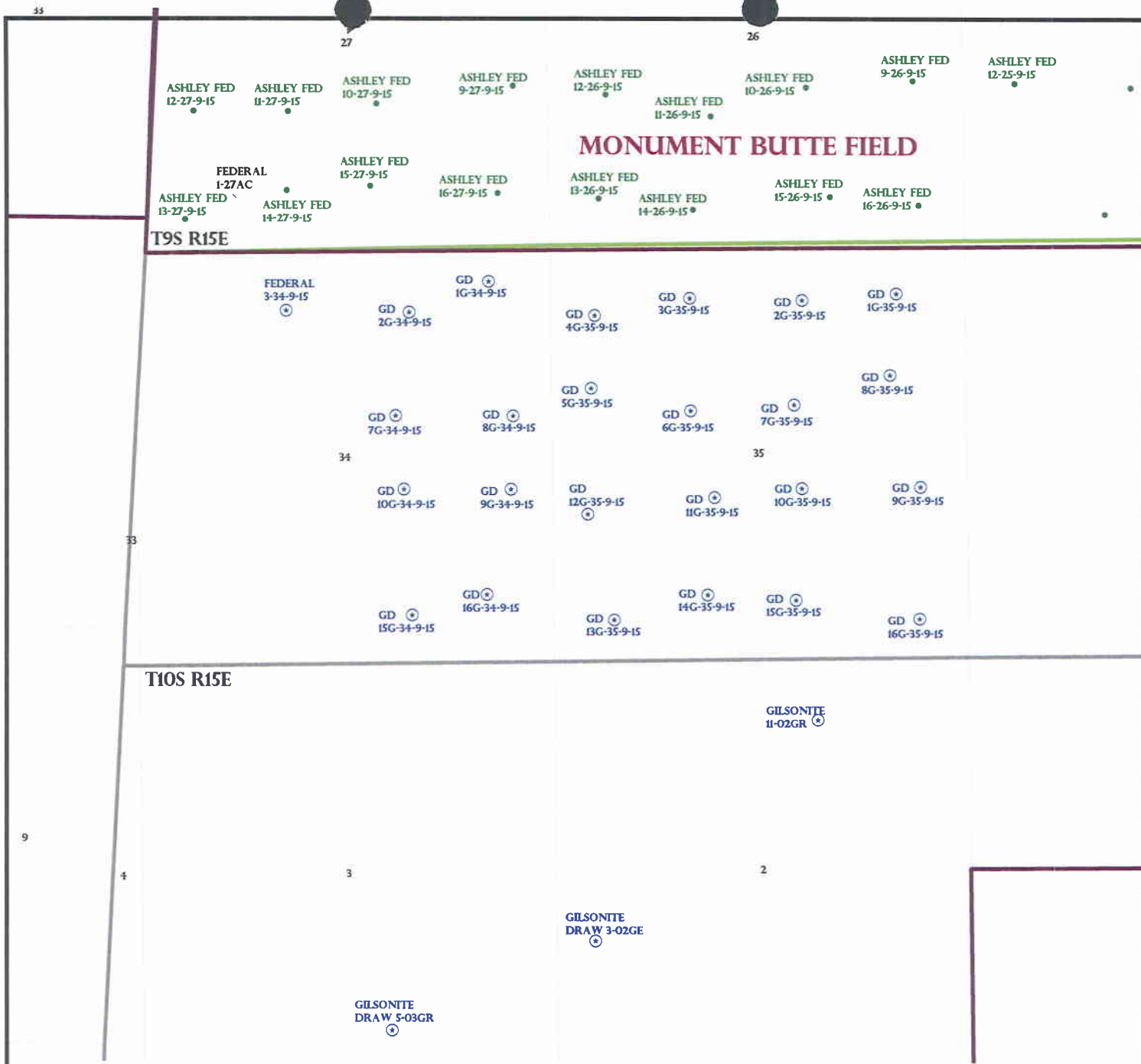
\_\_\_ R649-3-11. Directional Drill

COMMENTS: \_\_\_\_\_

STIPULATIONS: \_\_\_\_\_

*1- Federal Approval*  
*2- Spacing Strip*





OPERATOR: QEP EXPL & PROD (N5085)

SEC: 34,35 T.9S R. 15E

FIELD: UNDESIGNATED (002)

COUNTY: *Duchesne*

SPACING: R649-3-2 / GENERAL SITING

**Field Status**  
 [ ] ABANDONED  
 [ ] ACTIVE  
 [ ] COMBINED  
 [ ] INACTIVE  
 [ ] PROPOSED  
 [ ] STORAGE  
 [ ] TERMINATED

**Unit Status**  
 [ ] EXPLORATORY  
 [ ] GAS STORAGE  
 [ ] NF PP OIL  
 [ ] NF SECONDARY  
 [ ] PENDING  
 [ ] PI OIL  
 [ ] PP GAS  
 [ ] PP GEOTHERML  
 [ ] PP OIL  
 [ ] SECONDARY  
 [ ] TERMINATED

**Wells Status**

[ ] GAS INJECTION  
 [ ] GAS STORAGE  
 [ ] LOCATION ABANDONED  
 [ ] NEW LOCATION  
 [ ] PLUGGED & ABANDONED  
 [ ] PRODUCING GAS  
 [ ] PRODUCING OIL  
 [ ] SHUT-IN GAS  
 [ ] SHUT-IN OIL  
 [ ] TEMP. ABANDONED  
 [ ] TEST WELL  
 [ ] WATER INJECTION  
 [ ] WATER SUPPLY  
 [ ] WATER DISPOSAL  
 [ ] DRILLING



PREPARED BY: DIANA MASON  
 DATE: 20-NOVEMBER-2007





JON M. HUNTSMAN, JR.  
Governor

GARY R. HERBERT  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil Gas and Mining

JOHN R. BAZA  
Division Director

November 20, 2007

Questar Exploration & Production Company  
11002 E 17500 S  
Vernal, UT 84078

Re: GD 1G-34-9-15 Well, 461' FNL, 780' FEL, NE NE, Sec. 34, T. 9 South, R. 15 East,  
Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-33827.

Sincerely,

Gil Hunt  
Associate Director

pab  
Enclosures

cc: Duchesne County Assessor  
Bureau of Land Management, Vernal Office



Operator: Questar Exploration & Production Company

Well Name & Number GD 1G-34-9-15

API Number: 43-013-33827

Lease: UTU-78021

Location: NE NE                      Sec. 34                      T. 9 South                      R. 15 East

### Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dustin Doucet at (801) 538-5281 office      (801) 733-0983 home

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED  
SUBMIT IN TRIPLICATE  
2007 NOV 15 AM 8:43

FORM APPROVED  
OMB NO. 1040-0136  
Expires: February 28, 1995

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

TYPE OF WORK

DRILL ☒

DEEPEN ☐

TYPE OF WELL

☒

☐

☐

SINGLE  
ZONE

MULTIPLE  
ZONE

OIL WELL

GAS WELL

OTHER

2. NAME OF OPERATOR

QUESTAR EXPLORATION & PRODUCTION COMPANY

Contact: Jan Nelson

E-Mail: jan.nelson@questar.com

3. ADDRESS

11002 E. 17500 S. Vernal, Ut 84078

Telephone number

Phone 435-781-4331 Fax 435-781-4395

4. LOCATION OF WELL (Report location clearly and in accordance with and State requirements\*)

At Surface

461' FNL 780' FEL NENE SECTION 34, T9S, R15E

At proposed production zone

14. DISTANCE IN MILES FROM NEAREST TOWN OR POSTOFFICE\*

20 +/- SOUTHWEST OF MYTON, UTAH

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(also to nearest drig, unit line if any)

461' +/-

18. DISTANCE FROM PROPOSED location to nearest well, drilling,  
completed, applied for, on this lease, ft

16. NO. OF ACRES IN LEASE

960.00

19. PROPOSED DEPTH

5,900'

21. ELEVATIONS (Show whether DF, RT, GR, ect.)

6632.9' GR

22. DATE WORK WILL START

ASAP

9. API NUMBER:

43-013-33827

10. FIELD AND POOL, OR WILDCAT

11. SEC., T, R, M, OR BLK & SURVEY OR AREA

SEC. 34, T9S, R15E Mer SLB

12. COUNTY OR PARISH

DUCHESNE

13. STATE

UT

17. NO. OF ACRES ASSIGNED TO THIS WELL

40

20. BLM/BIA Bond No. on file  
ESB000024

23. Estimated duration

7 days

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

1. Well plat certified by a registered surveyor.

2. A Drilling Plan

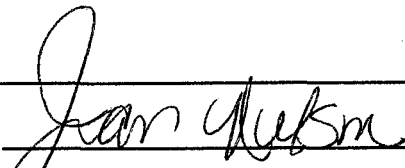
3. A surface Use Plan (if location is on National Forest System Lands,  
the SUPO shall be filed with the appropriate Forest Service Office).

4. Bond to cover the operations unless covered by an existing bond on file (see  
Item 20 above).

5. Operator certification.

6. Such other site specific information and/or plans as may be required by the  
authorized officer.

SIGNED



Name (printed/typed) Jan Nelson

DATE 11-10-07

TITLE

Regulatory Affairs

(This space for Federal or State office use)

PERMIT NO.

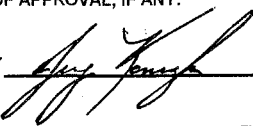
APPROVAL DATE

MAR 18 2008

Application approval does not warrant or certify the applicant holds any legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY



TITLE

Assistant Field Manager  
Lands & Mineral Resources

DATE 3-12-2008

\*See Instructions On Reverse Side

Title 18 U.S.C Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the

United States any false, fictitious, fraudulent statements or representations as to any matter within its jurisdiction

VERNAL FIELD OFFICE

UDOGM CONDITIONS OF APPROVAL ATTACHED CONFIDENTIAL

NOTICE OF APPROVAL

NOS: 10-25-07  
OBPR0163A

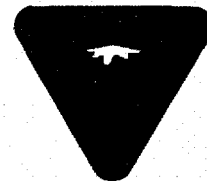


UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
VERNAL FIELD OFFICE

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



**CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL**

Company: Questar Exploration & Production Co. Location: NENE, Sec. 34, T9S, R15E  
Well No: GD 1G-34-9-15 Lease No: UTU-78021  
API No: 43-013-33827 Agreement: N/A

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	James Ashley	(435) 781-4470	(435) 828-7874
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
NRS/Enviro Scientist:		(435) 781-4475	(435) 828-4029
NRS/Enviro Scientist:	Karl Wright	(435) 781-4484	(435) 828-7381
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	
NRS/Enviro Scientist:		(435) 781-4476	
NRS/Enviro Scientist:	Chuck Macdonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Jannice Cutler	(435) 781-3400	(435) 828-3544
NRS/Enviro Scientist:	Michael Cutler	(435) 781-3401	(435) 828-3546
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	(435) 828-3548
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	(435) 828-3547
NRS/Enviro Scientist:	Darren Williams	(435) 781-4447	
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	(435) 828-3545

Fax: (435) 781-3420

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR  
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

**NOTIFICATION REQUIREMENTS**

Location Construction (Notify Environmental Scientist)	- Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	- Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	- Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	- Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	- Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	- Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

***SURFACE USE PROGRAM  
CONDITIONS OF APPROVAL (COAs)***

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.
- Conditions for Approval are in the APD or SOP.

**DOWNHOLE PROGRAM  
CONDITIONS OF APPROVAL (COAs)**

**SITE SPECIFIC DOWNHOLE COAs:**

- None.

**All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to.** The following items are emphasized:

**DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS**

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.

- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT\_VN\_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

## OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
  - Operator name, address, and telephone number.
  - Well name and number.
  - Well location ( $\frac{1}{4}$  Sec., Twn, Rng, and P.M.).
  - Date well was placed in a producing status (date of first production for which royalty will be paid).
  - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - Unit agreement and/or participating area name and number, if applicable.
  - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or



data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

## DIVISION OF OIL, GAS AND MINING

**SPUDDING INFORMATION**Name of Company: Questar Exploration & Production Co.Well Name: GD 1G-34-9-15API No: 43-013-33827 Lease Type: FederalSection 34 Township 09S Range 15E County DuchesneDrilling Contractor Pete Martin Rig # Rathole**SPUDDED:**Date 6-13-08

Time \_\_\_\_\_

How Dry**Drilling will Commence:** \_\_\_\_\_Reported by Rick BushTelephone # 307-850-2092Date 6-13-08 Signed RM

ENTITY ACTION FORM - FORM 6

OPERATOR: Questar Exploration & Production Co.  
ADDRESS: 11002 East 17500 South  
Vernal, Utah 84078 (435)781-4342

OPERATOR ACCT. No. N-5085

Action Code	Current Entity No.	New Entity No.	API Number	Well Name	QQ	SC	TP	RG	County	Spud Date	Effective Date
A	99999	16920	43-013-33827	GD 1G 34 9 15	NENE	34	9S	15	Uintah	6/15/2008	6/19/08

WELL 1 COMMENTS:

GRRV

**CONFIDENTIAL**

RECEIVED

JUN 19 2008

DIV. OF OIL, GAS & MINING

WELL 2 COMMENTS:

WELL 3 COMMENTS:

WELL 4 COMMENTS:


WELL 5 COMMENTS:

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected

(3/89)

  
Signature

Office Administrator II 6/16/08  
Title Date

Phone No. (435)781-4342

**CONFIDENTIAL**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir  
Use "APPLICATION FOR PERMIT--" for such proposals

***SUBMIT IN TRIPLICATE***

1. Type of Well

Oil

Gas



Well



Well



Other

2. Name of Operator

**QUESTAR EXPLORATION & PRODUCTION CO.**

3. Address and Telephone No.

**11002 EAST 17500 SOUTH - VERNAL, UT 84078**

Contact: **Dahn.Caldwell@questar.com**

**435-781-4342 Fax 435-781-4357**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**461' FNL, 780' FEL, NENE, SEC 34-T9S-R15E**

5. Lease Designation and Serial No.

**UTU-78021**

6. If Indian, Allottee or Tribe Name

**N/A**

7. If Unit or CA, Agreement Designation

**N/A**

8. Well Name and No.

**GD 1G 34 9 15**

9. API Well No.

**43-013-33827**

10. Field and Pool, or Exploratory Area

**UNDESIGNATED**

11. County or Parish, State

**UINTAH**

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION



Notice of Intent



Subsequent Report



Final Abandonment Notice

TYPE OF ACTION



Abandonment



Recompletion



Plugging Back



Casing Repair



Altering Casing



Other **SPUD**



Change of Plans



New Construction



Non-Routine Fracturing



Water Shut-Off



Conversion to Injection



Dispose Water

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

**On 6/15/08 - Drilled 40' of 20" conductor hole. Set 40' of 14" conductor pipe. Cmted w/ Ready Mix.**

3 - BLM, 2- Utah OG&M, 1 - Denver, 1 - file Word file-server

14. I hereby certify that the foregoing is true and correct.

Signed

**Dahn Caldwell**

**Office Administrator II**

Date

**6/16/08**

(This space for Federal or State office use)

Approved by:

Title

Date

Conditions of approval, if any

**CONFIDENTIAL**

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**UTAH DIVISION OF OIL, GAS AND MINING**

**NOTICE OF REPORTING PROBLEMS**

Operator: Questar Exploration & Production Co Account: N5085 Today's Date: 10/23/2008

Problems:

- ☒ Late Report(s)
- ☐ Inaccurate Report(s)
- ☐ Incomplete Report(s)
- ☐ Other: \_\_\_\_\_

Failure to submit reports in a timely, accurate, and complete manner may result in the issuance of a Notice of Violation by the Division of Oil, Gas and Mining, and may result in the Division pursuing enforcement action as outlined in Rule R649-10, Administrative Procedures, and Section 40-6-11 of the Utah Code.

**To avoid compliance action, these reporting problems should be resolved within 7 days.**

Send reports to:

Utah Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

Fax to:

(801) 359-3940

43-013-33827  
34 95 152  
GD 16-34-9-15

Type of Report	Month(s) of Problem Report		
<input type="checkbox"/> Production – Form 10 <input type="checkbox"/> Disposition – Form 11 <input type="checkbox"/> Gas Plant – Form 13 <input type="checkbox"/> Enhanced Recovery – UIC Form 2 <input type="checkbox"/> Injection – UIC Form 3 <input type="checkbox"/> Other _____			
Type of Report	Well Name(s)	API Number(s)	Drilling Commenced
<input type="checkbox"/> Spud Notice – Form 9 <input checked="" type="checkbox"/> Drilling Reports – Form 9 <input type="checkbox"/> Well Completion Report – Form 8 <input type="checkbox"/> Other _____	<input checked="" type="checkbox"/> List Attached		

Description of Problem:

Per R649-3-6 2.4 The operator shall submit a monthly status report for each drilling well on Form 9, Sundry Notice and Reports on Wells. The report should include the well depth and a description of the operations conducted on the well during the month.

If you have questions or concerns regarding this matter, please contact Rachel Medina at (801) 538-5260 .

cc: Compliance File  
RAM  
Well File  
CHD

**UTAH DIVISION OF OIL, GAS AND MINING**

**ATTACHMENT**

Operator: Questar Exploration & Production Co Account: N5085 Today's Date: 10/23/2008

[illegible]

4301333827  
34 95 152

QUESTAR

Page 1 of 3

## Operations Summary Report

Legal Well Name: GD 1G-34-9-15  
Common Well Name: GD 1G-34-9-15  
Event Name: COMPLETION  
Contractor Name: Ensign Drilling USD  
Rig Name: ENSIGN

Spud Date: 6/15/2008  
Start: 11/5/2008 End: 11/12/2008  
Rig Release: 10/20/2008 Group:  
Rig Number: 57

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/5/2008	06:00 - 16:00	10.00	BOP	1		COMPLETION On 11/4/08 @ 7:00 AM - Move on location & RU. ND WH & NU BOP's. Wait on tbg to be delivered, pick up and tally & rabbit in hole w/ 2-7/8" workstring, 4-3/4" bit & csg scraper. RIH to 4320'. SDFN @ 5:00 PM.  24 Hour Forecast: Continue in hole to TD, circ hole clean w/ 2% KCL.  Csg Size: 5-1/2", 15.5# Csg Depth: 6050'
11/6/2008	06:00 - 16:00	10.00	TRP	5		COMPLETION On 11/5/08 @ 7:00 AM - Continue in hole w/ tbg to PBTD @ 6007'. RU circulating equipment, roll hole with 150 bbls 2% KCL. POOH w/ tbg, lay down bit & scraper. SDFN @ 5:00 PM.  24 Hour Forecast: Run CBL & perforate.  Csg Size: 5-1/2", 15.5# Csg Depth: 6050'
11/7/2008	06:00 - 16:00	10.00	PERF	2		COMPLETION On 11/6/08 @ 7:00 AM RU Lone Wolf Wireline, run CBL from 6007' to TOC, estimated TOC @ 650'. Perforate Uteland Butte formation from 5889' - 5895' on Open Hole Logs). RD wireline. RIH w/ 5-1/2" packer & 187 jts 2-7/8" workstring. Set packer @ 5850'. Made two swab runs, recovered 24 bbls fluid. IFL @ 400'. FFL @ 2600'. SWIFN @ 6:00 PM.  24 Hour Forecast: Swab to determine oil saturation and inflow rate.  Csg Size: 5-1/2", 15.5# Csg Depth: 6050'
11/8/2008	06:00 - 16:00	10.00	SWAB	1		COMPLETION On 11/7/08 @ 7:00 AM - 0 psi on well. RIH w/ swab. IFL @ 2600' (no fluid entry overnight). Swab tbg down to 5500' in 4 runs. Made swab runs every two hours getting 50' to 100' of fluid per run, no gas or oil. SDFN @ 4:00 PM.  24 Hour Forecast: Acidize.  Csg Size: 5-1/2", 15.5# Csg Depth: 6050'
11/11/2008	06:00 - 16:00	10.00	STIM	1		COMPLETION On 11/10/08 @ 7:00 AM - 0 psi on well. RIH w/ swab, tbg dry, no fluid entry over weekend. RU Superior Acid Crew, fill tbg w/ 30 bbls 2% KCL water. Establish injection rate, pump 3000 gals 15% HCL starting rate 5 BPM @ 2700 psi, ending rate 5 BPM @ 2855 psi, flush tbg w/ 40 bbls 2% KCL water. ISIP @ 2100 psi, 15 minute SIP @ 1980 psi. RD acid crew, open well to flat tank, flowback 20 bbls water with a slight trace of oil. Tbg died, RU swab equipment, made 7 swab runs, recovered 10 bbls water and 20 bbls oil. NOTE: Swabbed back 100% oil on the last 3 runs, fluid level staying at 4800'. SDFN @ 5:00 PM.  24 Hour Forecast: Run rods & pump.

## Operations Summary Report

Legal Well Name: GD 1G-34-9-15  
 Common Well Name: GD 1G-34-9-15  
 Event Name: COMPLETION  
 Contractor Name: Ensign Drilling USD  
 Rig Name: ENSIGN

Spud Date: 6/15/2008  
 Start: 11/5/2008 End: 11/12/2008  
 Rig Release: 10/20/2008 Group:  
 Rig Number: 57

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/11/2008	06:00 - 16:00	10.00	STIM	1		Csg Size: 5-1/2", 15.5# Csg Depth: 6050'
11/12/2008	06:00 - 16:00	10.00	TRP	2		COMPLETION On 11/11/08 @ 7:00 AM - 30# on tbg. Made 1 swab run. FL @ 4500'; pull f/ SN @ 5885', recovered 6 bbls oil. RD swab equipment, release pkr, POOH w/ tbg & pkr. RIH w/ production tbg. RD rig floor. ND BOP's. Set 5-1/2" B-2 TAC, land tbg on B-1 flange w/ 14000# tension. NU WH & flowlines, X-over to rod equipment. Spot rod trailer, remove thread protectors. SWIFN @ 5:00 PM.  24 Hour Forecast: Run rods & pump. RDMO.  Csg Size: 5-1/2", 15.5# Csg Depth: 6050'  Tbg Detail KB 12.0 Stretch 1.50 188 Jts 2-7/8" Tbg 5863.24 5-1/2" B-2 TAC 2.78 PSN 1.10 1 Jt 2-7/8" Tbg 31.82 EOT @ 5912.44
11/13/2008	06:00 - 16:00	10.00	LOC	4		COMPLETION On 11/12/08 @ 7:00 AM - 0# on tbg. Hot oiler flushed w/ 70 bbls chemical water. PU & bucket test new pump - OK. RIH w/ rods and pump, seat & space out. Hole standing full, long stroke pump from 0 to 900 psi in 4 strokes, good test, good pump action. Clamp rods off to wellhead 6" from tag. RDMO. Turn well over to production @ 1:00 PM. Road rig to new location and RU. ND WH, NU BOP's, RU rig floor. SDFN @ 5:00 PM.  FINAL REPORT  Csg Size: 5-1/2", 15.5# Csg Depth: 6050'  Tbg Detail KB 12.0 Stretch 1.50 188 Jts 2-7/8" Tbg 5863.24 5-1/2" B-2 TAC 2.78 PSN 1.10 1 Jt 2-7/8" Tbg 31.82 EOT @ 5912.44  Rod Detail 1 1/2" x 26' Polish Rod 1 - 4', 1-6' x 7/8" Ponys 98 - 7/8" Slick 137 - 3/4" Slick  Pump



## Operations Summary Report

Legal Well Name: GD 1G-34-9-15	Spud Date: 6/15/2008
Common Well Name: GD 1G-34-9-15	
Event Name: COMPLETION	Start: 11/5/2008 End: 11/12/2008
Contractor Name: Ensign Drilling USD	Rig Release: 10/20/2008 Group:
Rig Name: ENSIGN	Rig Number: 57

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/13/2008	06:00 - 16:00	10.00	LOC	4		National Oilwell 2 1/2" x 1 1/2" x 16 x 19 x 20 RHAC # QS 5539 175" Max Stroke
11/21/2008	06:00 - 16:00	10.00	HOT	1		COMPLETION - Not Pumping On 11/20/08 @ 8:00 AM MIRU, csg was SI w/ 100 psi, tbg had 0 psi. Hot oiler pumped 120 chemical water down csg. Unhang rods, LD H-Head, long stroke pump from 0 to 800 psi in 3 strokes, good test, good pump action. Install H-Head, hang off rods with light tag. SDFN & leave well pumping @ 3:30 PM.  FINAL REPORT  Csg Size: 5-1/2", 15.5# Csg Depth: 6050'  Tbg Detail KB 12.0 Stretch 1.50 188 Jts 2-7/8" Tbg 5863.24 5-1/2" B-2 TAC 2.78 PSN 1.10 1 Jt 2-7/8" Tbg 31.82 EOT @ 5912.44  Rod Detail 1 1/2" x 26' Polish Rod 1 - 4', 1-6' x 7/8" Ponys 98 - 7/8" Slick 137 - 3/4" Slick  Pump National Oilwell 2 1/2" x 1 1/2" x 16 x 19 x 20 RHAC # QS 5539 175" Max Stroke

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0137  
Expires: July 31, 2010

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.  
UTU-780211a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other  
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,  
Other: \_\_\_\_\_6. If Indian, Allottee or Tribe Name  
N/A7. Unit or CA Agreement Name and No.  
N/A2. Name of Operator  
Questar Exploration & Production Co.8. Lease Name and Well No.  
GD 1G 34-9-15

3. Address 11002 EAST 17500 SOUTH - VERNAL, UT 84078

3a. Phone No. (include area code)  
435.781.4342 - Dahn Caldwell9. AFI Well No.  
43-013-33827

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*

At surface 461' FNL, 780' FEL, NENE, S34-T9S-R15E

461' FNL, 780' FEL, NENE, S34-T9S-R15E

At top prod. interval reported below

At total depth 461' FNL, 780' FEL, NENE, S34-T9S-R15E

10. Field and Pool or Exploratory  
UNDESIGNATED11. Sec., T., R., M., on Block and  
Survey or Area SEC 34-T9S-R15E

12. County or Parish

13. State

DUCHESNE

UT

14. Date Spudded  
06/15/200815. Date T.D. Reached  
10/17/200816. Date Completed 11/13/2008  
☐ D & A ☒ Ready to Prod.17. Elevations (DF, RKB, RT, GL)\*  
6646' KB18. Total Depth: MD 6060'  
TVD19. Plug Back T.D.: MD 6007'  
TVD20. Depth Bridge Plug Set: MD  
TVD

21. Type Electric &amp; Other Mechanical Logs Run (Submit copy of each)

CBL/GR/CCL, SD, DSN, HPI

22. Was well cored? ☒ No ☐ Yes (Submit analysis)  
Was DST run? ☒ No ☐ Yes (Submit report)  
Directional Survey? ☒ No ☐ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	9-5/8"	36#		459'		225 SXS		SURF - CIRC	
7-7/8"	5-1/2"	15.50#		6055'		630 SXS		650' - LOG	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8"	5916'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) GREEN RIVER	4520'	4926'	GRN RVR 4520' - 4926'	5-1/2"	4 SPF	
B) GREEN RIVER	5392'	5626'	GRN RVR 5392' - 5626'	5-1/2"	4 SPF	
C) GREEN RIVER	5825'	5980'	GRN RVR 5825' - 5980'	5-1/2"	4 SPF	
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
GREEN RIVER 4520' - 4926'	FRAC W/ 57,000# SAND IN 23,226 GALS
GREEN RIVER 5392' - 5626'	FRAC W/ 54,300# SAND IN 23,394 GALS
GREEN RIVER 5825' - 5980'	FRAC W/ 44,570# SAND IN 14,952 GALS
GREEN RIVER 5888' - 5895'	ACIDIZED W/ 3,000 GALS OF 15% HCL ACID

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
11/13/08	12/13/08	24	→	10	0	62			PUMPING
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
	40#	20#	→					PRODUCING OIL	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

\*(See instructions and spaces for additional data on page 2)

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## 28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

## 28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

29. Disposition of Gas (Solid, used for fuel, vented, etc.)  
SOLD

## 30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

## 31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
GREEN RIVER			UNCERTAIN GARDEN GULCH Mbr - 3494'		
			UTELAND BUTTE Mbr - 5820' - Info from Geologist		

32. Additional remarks (include plugging procedure):

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33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd.)     
 ☐ Geologic Report     
 ☐ DST Report     
 ☐ Directional Survey  
☐ Sundry Notice for plugging and cement verification     
 ☐ Core Analysis     
 ☐ Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) JIM SIMONTONTitle COMPLETION SUPERVISOR

Signature

Jim Simonton (cgs)Date 12/22/2008

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 3)

(Form 3160-4, page 2)

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## Operations Summary Report - DRILLING

Well Name: GD 1G-34-9-15  
 Location: 34-9-S 15-E 28  
 Rig Name: ENSIGN

Spud Date: 6/15/2008  
 Rig Release: 10/20/2008  
 Rig Number: 57

Date	From - To	Hours	Code	Sub Code	Description of Operations
9/11/2008	06:00 - 13:30	7.50	LOC	2	SPUD CONDUCTOR ON 6/15/2008 AT 12:00 HOURS. DRILLED 20' HOLE TO 40' AND SET 14' CONDUCTOR PIPE. CEMENT WITH READY MIX. DRILL 12 1/4" SURFACE HOLE FROM 40' TO 490'. BLOW DOWN WELL.
	13:30 - 20:00	6.50	DRL	9	
	20:00 - 21:00	1.00	TRP	3	LAY DOWN DRILL STRING. RUN 12 JOINTS OF 9 5/8", J-55, 36#, LT&C CASING AS FOLLOWS: SHOE AT 459'. FLOAT COLLAR AT 418.31'. RAN 3 CENTRALIZERS FROM 449' TO 345' AND ONE AT 75'.
	21:00 - 22:30	1.50	CSG	2	
	22:30 - 23:00	0.50	CMT	2	NOTE: ALL MEASUREMENTS ARE FROM GROUND LEVEL. YOU WILL NEED CASING TEST WHEN YOU TEST BOP. CEMENT AS FOLLOWS: PUMP 50 BBL OF FRESH WATER, 20 BBL OF GEL WATER. LEAD 15.8 PPG, YEALD 1.15, WATER 5 GAL/SK. 225 SKS OF CEMENT, 46 BBL. DISPLACE WITH 32.5BBL OF WATER. FCP 250 PSI, PLUG BUMPED TO 750 PSI AND HELD, FLOATS HELD, 15 BBL OF CEMENT TO SURFACE. NO TOP JOB.
					23:00 - 06:00 06:00 -
	10/4/2008	06:00 - 15:00	9.00	LOC	4
15:00 - 06:00		15.00	RIG DOWN DERRICK & LOWER / RIG DOWN PITS & CHANGE LINERS IN PUMPS F/ 5" TO 6" / 40% RIGGED DOWN		
10/5/2008	06:00 - 18:00	12.00	LOC	4	RIG DOWN & HAVE RIG 100 % RIGGED DOWN & READY FOR TRUCKS
	18:00 - 06:00	12.00	LOC	4	RIG 100 % RIGGED DOWN / WAITING ON DAYLIGHT / L&S TRUCKING MOVING RIG THIS AM.
10/6/2008	06:00 - 18:00	12.00	OTH	3	L&S TRUCKING UNABLE TO SUPPLY TRUCKS FOR RIG MOVE / SET UP KUHR TRUCKING FOR 10/6/2008 / WAIT ON TRUCKS
	18:00 - 06:00	12.00	OTH		WAIT ON DAYLIGHT / 100% RIGGED DOWN & READY FOR TRUCKS
10/7/2008	06:00 - 18:00	12.00	LOC	3	MOVING LIVING QUARTERS & RIGGED UP / RIG DOWN W/ TRUCKS & CRANE / 40% ON NEW LOCATION
	18:00 - 06:00	12.00	LOC	3	WAIT ON DAYLIGHT
10/8/2008	06:00 - 19:30	13.50	LOC	4	RIG UP W/ TRUCKS & CRANE / DONE W/ TRUCKS @ 19:30 PM
	19:30 - 06:00	10.50	LOC	4	WAIT ON DAYLIGHT / 100% ON NEW LOCATION 75% RIGGED UP
10/9/2008	06:00 - 18:00	12.00	LOC	4	GENERAL RIG UP BACK YARD, RAISE DERRICK @ 17:00, RU FLOOR
	18:00 - 06:00	12.00	LOC	4	BREAK TOUR, RU FLOOR, CHOKE HOUSE, GAS BUSTER, MUD TANKS, CHANGE PIPE RAMS, BEGIN NIPPLE UP BOPE, REPLACE BROKEN HYDROLIC CONNECTIONS STACK THAT WERE DAMAGED DURING MOVE
10/10/2008	06:00 - 13:00	7.00	LOC	4	MAKE UP KELLY, R/U BOP'S CHANGE PIPE RAMS , (DAYWORK @ 6:00 A.M. 10/9/2008
	13:00 - 19:00	6.00	BOP	2	TEST BOPS, HYDRIL, PIPE RAMS, BLIND RAMS, SAFETY VALVE,HCR,KILL LINE VALVES, CHOKE LINE AND MANIFOLD 250 PSI. LOW TEST,3000 PSI. HIGH TEST, ( ALL TESTED GOOD )
	19:00 - 19:30	0.50	BOP	2	TEST SURFACE CASING TO 3000 PSI. FOR 30 MIN.
	19:30 - 21:00	1.50	BOP	1	INSTALL WEAR BUSHING, INSTALL BOP SCAFFOLDING, AND WHEELS
	21:00 - 00:00	3.00	OTH	1	LOAD BHA ON PIPE RACK AND STRAP, PUT BHA INTO PASON
	00:00 - 02:00	2.00	TRP		PICK UP BIT, MOTOR,MONEL,4 D.C'S, 6 HWDP AND PICK UP KELLY
	02:00 - 03:00	1.00	OTH	4	CHANGE HAMMERUNION RUBBER IN STANDPIPE MANIFOLD
	03:00 - 05:00	2.00	DRL		DRILL SHOE TRACK, F/ 434' TO 459'

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## Operations Summary Report

Well Name: GD 1G-34-9-15  
 Location: 34- 9-S 15-E 26  
 Rig Name: ENSIGN

Spud Date: 6/15/2008  
 Rig Release: 10/20/2008  
 Rig Number: 57

Date	From - To	Hours	Code	Sub Code	Description of Operations
10/10/2008	05:00 - 05:30	0.50	DRL	1	ROTATE OUT OF SHOE F/459' TO 516'
	05:30 - 06:00	0.50	EQT	2	L.O.T. SHOE TO 150PSI OR 13.5PPG EQUIVALENT
10/11/2008	06:00 - 08:30	2.50	DRL	1	DRILL F/ 516' TO 697' , ROP= 72.4 FPH
	08:30 - 09:00	0.50	SUR	1	DEVIATION SURVEY @ 697'
	09:00 - 10:30	1.50	DRL	1	DRILL F/ 697' TO 1006' , ROP = 206 FPH
	10:30 - 11:00	0.50	SUR	1	DEVIATION SURVEY @ 1006'
	11:00 - 12:30	1.50	DRL	1	DRILL F/ 1006' TO 1224' , ROP=145.3 FPH
	12:30 - 13:30	1.00	OTH		INSTALL ROTATING HEAD RUBBER AND DRIVE BUSHINGS
	13:30 - 15:30	2.00	DRL	1	DRILL F/ 1224' TO 1379' , ROP=77.5 FPH
	15:30 - 16:00	0.50	RIG	1	RIG SERVICE, GREASE BLOCKS, SWIVEL, FUNCTION HYDRIL
	16:00 - 17:00	1.00	DRL	1	DRILL F/ 1379' TO 1503' , ROP =124 FPH
	17:00 - 17:30	0.50	SUR	1	DEVIATION SURVEY @ 1503'
	17:30 - 23:00	5.50	DRL	1	DRILL F/ 1503' TO 2031' , ROP = 96 PH
	23:00 - 23:30	0.50	SUR	1	DEVIATION SURVEY @ 1931'
	23:30 - 04:30	5.00	DRL	1	DRILL F/ 2031' TO 2591' , ROP = 124.4 FPH
	04:30 - 05:00	0.50	SUR	1	DEVIATION SURVEY @ 2491'
10/12/2008	05:00 - 06:00	1.00	DRL	1	DRILL F/ 2591' TO 2653' , ROP=62 FPH
	06:00 - 11:00	5.00	DRL	1	DRILL F/ 2653' TO 2995' , ROP = 68.4 FPH
	11:00 - 11:30	0.50	SUR	1	DEVIATION SURVEY @ 2895'
	11:30 - 13:00	1.50	DRL	1	DRILL F/ 2995' TO 3181' , ROP= 124 FPH
	13:00 - 13:30	0.50	RIG	1	RIG SERVICE, GREASE BLOCKS, SWIVEL, CROWN, FUNCTION HYDRIL
	13:30 - 19:00	5.50	DRL	1	DRILL F/ 3181' TO 3554' , ROP =67.8 FPH
	19:00 - 19:30	0.50	SUR	1	DEVIATION SURVEY @ 3454' , INC 1.2, AZ 205.2
	19:30 - 06:00	10.50	DRL	1	DRILL F/ 3554' TO 3891' , ROP= 33.7 FPH
10/13/2008	06:00 - 08:30	2.50	DRL	1	DRILL F/ 3891' TO 4021' , ROP = 52 FPH
	08:30 - 09:00	0.50	SUR	1	DEVIATION SURVEY @ 3921'
	09:00 - 13:00	4.00	DRL	1	DRILL F/ 4021' TO 4300' , ROP= 69.7 FPH
	13:00 - 13:30	0.50	RIG	1	RIG SERVICE, GREASE BLOCKS, SWIVEL, FUNCTION HYDRIL
	13:30 - 19:30	6.00	DRL	1	DRILL F/ 4300' TO 4518' , ROP=36.3 FPH
	19:30 - 20:00	0.50	SUR	1	DEVIATION SURVEY @ 4418'
10/14/2008	20:00 - 06:00	10.00	DRL	1	DRILL F/ 4518' TO 4679' , ROP= 16.1 FPH
	06:00 - 07:00	1.00	DRL	1	DRILL F/ 4679' TO 4704' , ROP = 25 FPH
	07:00 - 07:30	0.50	CIRC	1	CIRC. OUT SWEEP
	07:30 - 12:00	4.50	TRP	10	TRIP OUT OF HOLE F/ BIT #1, (STRAP OUT= 4705.74')
	12:00 - 12:30	0.50	RIG	1	RIG SERVICE, GREASE BLOCKS, SWIVEL, CROWN, FUNCTION HYDRIL
	12:30 - 16:00	3.50	TRP	2	TRIP IN HOLE W/ BIT #2, (HELD BOP DRILL)
	16:00 - 16:30	0.50	REAM	1	SAFETY REAM F/ 4659' TO 4704'
	16:30 - 01:00	8.50	DRL	1	DRILL F/ 4704' TO 5046' , ROP= 40.2 FPH
	01:00 - 01:30	0.50	SUR	1	DEVIATION SURVEY @ 4946' , INC 2.8, AZ 178.2
10/15/2008	01:30 - 06:00	4.50	DRL	1	DRILL F/ 5046' TO 5220' , ROP = 38.6 FPH
	06:00 - 12:00	6.00	DRL	1	DRILL F/ 5220' TO 5512' , ROP= 48.6 FPH
	12:00 - 12:30	0.50	SUR	1	DEVIATION SURVEY @ 5512' , INC 2.2, 167.2
	12:30 - 14:00	1.50	DRL	1	DRILL F/ 5512' TO 5604' , ROP = 61.3 FPH
	14:00 - 14:30	0.50	RIG	1	RIG SERVICE, GREASE BLOCKS, SWIVEL, FUNCTION PIPE RAMS
	14:30 - 20:30	6.00	DRL	1	DRILL F/ 5604' TO 5850' , ROP = 41 FPH
	20:30 - 21:00	0.50	CIRC	5	CIRC. UP SAMPLE @ 5850'
	21:00 - 21:30	0.50	CIRC	1	PUMP SWEEP TO SURFACE, BLOW DOWN KELLY, SET KELLY BACK
	21:30 - 02:00	4.50	TRP	2	TRIP OUT OF HOLE TO PICK UP CORE BARREL,
	02:00 - 05:00	3.00	TRP	1	L/D JARS, MOTOR, BIT, P/U CORE BARREL, FLOAT SUB JARS.
10/16/2008	05:00 - 06:00	1.00	TRP	2	TRIP IN HOLE W/ CORE BARRELS
	06:00 - 07:30	1.50	TRP	2	TRIP IN HOLE W/ CORE BARRELS (FUNCTION CROWN-O-MATIC)
	07:30 - 08:00	0.50	OTH		INSTALL ROTATING HEAD RUBBER
	08:00 - 12:00	4.00	TRP	2	TRIP IN HOLE W/ CORE BARRELS, P/U 14.5' PUP JOINT

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## Operations Summary Report

Well Name: GD 1G-34-9-15  
 Location: 34- 9-S 15-E 26  
 Rig Name: ENSIGN

Spud Date: 6/15/2008  
 Rig Release: 10/20/2008  
 Rig Number: 57

Date	From - To	Hours	Code	Sub Code	Description of Operations
10/16/2008	12:00 - 12:30	0.50	CIRC	1	WASH TO BTM F/ 5840 TO 5850
	12:30 - 15:00	2.50	DRL	1	CORE DRILLING F/ 5850' TO 5875'
	15:00 - 21:00	6.00	TRP	2	TRIP OUT OF HOLE, ( CORE BARREL JAMMED @ 5875' )
	21:00 - 23:00	2.00	TRP	1	CHANGE OUT CORE BARRELS (21' OF CORE RECOVERED CUT OF 25' CUT)
	23:00 - 03:00	4.00	TRP	2	TRIP IN HOLE W/ CORE BARREL ( FUNCTION CROWN-O-MATIC)
10/17/2008	03:00 - 04:30	1.50	CIRC	1	WASH TO 5803' TO 5875'
	04:30 - 06:00	1.50	DRL	1	CORE DRILLING F/ 5875' TO 5888'
	06:00 - 07:30	1.50	DRL	1	CORE DRILL F/ 5888' TO 5892'
	07:30 - 08:00	0.50	CIRC	1	CIRC. BTMS UP.
	08:00 - 11:30	3.50	TRP	2	TRIP OUT OF HOLE W/ CORE #2(LAY DOWN PUP JT. &2 JTS. D.P.)
	11:30 - 12:00	0.50	OTH		PULL ROTATINGHEAD RUBBER
	12:00 - 12:30	0.50	TRP	2	TRIP OUT OF HOLE W/ CORE #2
	12:30 - 14:30	2.00	TRP	1	L/D MONEL,FLT. SUB, AND JARS, REMOVE CORE SAMPLE, REPLACE INNER CORE BARREL. (8.5' CORE RECOVERED OUT OF 17' DRILLED)
	14:30 - 16:00	1.50	TRP	2	TRIP IN HOLE F/ CORE #3 (FUNCTION CROWN-O-MATIC)
	16:00 - 16:30	0.50	RIG	1	RIG SERVICE, FUNCTION HYDRIL
	16:30 - 20:00	3.50	TRP	2	TRIP IN HOLE F/ CORE #3
	20:00 - 22:30	2.50	REAM	1	REAM F/ 5850' TO 5892'
	22:30 - 01:00	2.50	DRL	1	CORE DRILL F/ 5892' TO 5902'
	01:00 - 02:30	1.50	CIRC	1	CIRC. BTMS UP, MIX AND PUMP DRY PILL
	02:30 - 06:00	3.50	TRP	2	TRIP OUT OF HOLE W/ CORE #3
10/18/2008	06:00 - 08:00	2.00	TRP	2	TRIP OUT OF HOLE W/ CORE #3
	08:00 - 10:00	2.00	TRP	1	LAY DOWN CORE, BIT AND CORE BARREL, RECOVER 9' OF 10' CUT
	10:00 - 10:30	0.50	RIG	1	RIG SERVICE, REPAIR 2" VALVE ON FILL UP LINE
	10:30 - 11:30	1.00	TRP	1	PICKUP MOTOR AND MAKE UP BIT
	11:30 - 14:00	2.50	TRP	2	TRIP IN HOLE
	14:00 - 14:30	0.50	OTH		INSTALL ROTATINGHEAD RUBBER
	14:30 - 16:30	2.00	TRP	2	TRIP IN HOLE
	16:30 - 18:00	1.50	REAM	1	SAFETY REAM F/ 5809' TO 5902'
	18:00 - 05:00	11.00	DRL	1	DRILLING F/ 5902' TO 6060'
	05:00 - 06:00	1.00	CIRC	1	CIRC. SWEEP TO SURFACE, MIX AND PUMP DRY PILL
10/19/2008	06:00 - 09:00	3.00	TRP	2	BLOW DOWN , TRIP OUT OF HOLE AND SLM F/ LOGS,
	09:00 - 09:30	0.50	OTH		PULL ROTATINGHEAD RUBBER
	09:30 - 11:00	1.50	TRP	2	TRIP OUT OF HOLE F/ LOGS
	11:00 - 11:30	0.50	TRP	1	BREAK OFF BIT, LAY DOWN MUD MOTOR
	11:30 - 12:30	1.00	WOT	4	WAIT ON MECH. TO FIX HALLIBURTONS LOGGING TRUCK (FAN CLUTCH OUT)
	12:30 - 13:30	1.00	LOG	1	SAFETY MEETING, RIG UP LOGGERS
	13:30 - 19:00	5.50	LOG	1	LOGGING OPEN HOLE W/ HALLIBURTON ( RUNNING TRIPLE COMBO)
	19:00 - 23:30	4.50	TRP	2	TRIP IN HOLE
	23:30 - 00:30	1.00	CIRC	1	CIRC. AND COND HOLE, TO LAY DOWN DRILL PIPE
	00:30 - 03:30	3.00	TRP	3	L/D 4.5" DRILL PIPE,
10/20/2008	03:30 - 05:30	2.00	OTH		PULL ROT. HEAD, REMOVE ROT.HEAD DRIVE BUSHINGS, BREAK DOWN KELLY
	05:30 - 06:00	0.50	TRP	3	LAY DOWN BHA.
	06:00 - 08:00	2.00	TRP	1	LAY DOWN BHA.
	08:00 - 08:30	0.50	OTH		PULL WEAR BUSHING
	08:30 - 09:30	1.00	CSG	1	HELD SAFETY MEETING, RIG UP CASING CREW
	09:30 - 15:30	6.00	CSG	2	RUN 5.5" PRODUCTION CASING (139 JTS.)
	15:30 - 16:00	0.50	CIRC	1	CIRCULATE CASING DOWN F/ 6045 TO 6054'
	16:00 - 18:30	2.50	CSG	1	CIRC, HELD SAFETY MEETING, RIG UP CEMENTERS
	18:30 - 20:30	2.00	CMT	2	CEMENT 5.5" PRODUCTION CASING, SUPER FLUSH-XLC-SBM, 30 BBL, FRESH WATER=10 BBLs, HI-FILL SCAVENGER=40 SKS.@10.5PPG, LEAD=300

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## Operations Summary Report

Well Name: GD 1G-34-9-15  
 Location: 34- 9-S 15-E 26  
 Rig Name: ENSIGN

Spud Date: 6/15/2008  
 Rig Release: 10/20/2008  
 Rig Number: 57

Date	From - To	Hours	Code	Sub Code	Description of Operations
10/20/2008	18:30 - 20:30	2.00	CMT	2	SKS@11.0PPG, TAIL CEMENT 330 SKS@15.8PPG, DISP.143BBLS, BUMPED
	20:30 - 21:00	0.50	EQT	1	PLUG, 1.5 BBLS BACK, FLOATS HELD
	21:00 - 22:00	1.00	CMT	1	PRESS TEST CASING, 1970 PSI F/ 30 MIN. ALL GOOD
	22:00 - 22:30	0.50	CSG	7	RIG DOWN CEMENTERS
	22:30 - 23:30	1.00	BOP	1	SET CASING SLIPS, ( 136K)
	23:30 - 00:00	0.50	CSG	6	NIPPLE DOWN B.O.P. TO CUT OFF CASING
	00:00 - 00:30	0.50	BOP	1	CUT OFF CASING AND DRESS CASING TOP
	00:30 - 02:00	1.50	LOC	7	SET DOWN BOP AND PUT IN 4 STUDS
	02:00 - 06:00	4.00	LOC	8	CLEAN MUD PITS
					RIG RELEASED @02:00, 10/20/2008, RIG DOWN FLOOR

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## Operations Summary Report - COMPLETION

Well Name: GD 1G-34-9-15  
 Location: 34- 9-S 15-E 26  
 Rig Name: ENSIGN

Spud Date: 6/15/2008  
 Rig Release: 10/20/2008  
 Rig Number: 57

Date	From - To	Hours	Code	Sub Code	Description of Operations
11/5/2008	06:00 - 16:00	10.00	BOP	1	COMPLETION On 11/4/08 @ 7:00 AM - Move on location & RU. ND WH & NU BOP's. Wait on tbg to be delivered, pick up and tally & rabbit in hole w/ 2-7/8" workstring, 4-3/4" bit & csg scraper. RIH to 4320'. SDFN @ 5:00 PM.  24 Hour Forecast: Continue in hole to TD, circ hole clean w/ 2% KCL.  Csg Size: 5-1/2", 15.5# Csg Depth: 6050'
11/6/2008	06:00 - 16:00	10.00	TRP	5	COMPLETION On 11/5/08 @ 7:00 AM - Continue in hole w/ tbg to PBDT @ 6007'. RU circulating equipment, roll hole with 150 bbls 2% KCL. POOH w/ tbg, lay down bit & scraper. SDFN @ 5:00 PM.  24 Hour Forecast: Run CBL & perforate.  Csg Size: 5-1/2", 15.5# Csg Depth: 6050'
11/7/2008	06:00 - 16:00	10.00	PERF	2	COMPLETION On 11/6/08 @ 7:00 AM RU Lone Wolf Wireline, run CBL from 6007' to TOC, estimated TOC @ 650'. Perforate Uteland Butte formation from 5889' - 5895' on Open Hole Logs). RD wireline. RIH w/ 5-1/2" packer & 187 jts 2-7/8" workstring. Set packer @ 5850'. Made two swab runs, recovered 24 bbls fluid. IFL @ 400'. FFL @ 2600'. SWIFN @ 6:00 PM.  24 Hour Forecast: Swab to determine oil saturation and inflow rate.  Csg Size: 5-1/2", 15.5# Csg Depth: 6050'
11/8/2008	06:00 - 16:00	10.00	SWAB	1	COMPLETION On 11/7/08 @ 7:00 AM - 0 psi on well. RIH w/ swab. IFL @ 2600' (no fluid entry overnight). Swab tbg down to 5500' in 4 runs. Made swab runs every two hours getting 50' to 100' of fluid per run, no gas or oil. SDFN @ 4:00 PM.  24 Hour Forecast: Acidize.  Csg Size: 5-1/2", 15.5# Csg Depth: 6050'
11/11/2008	06:00 - 16:00	10.00	STIM	1	COMPLETION On 11/10/08 @ 7:00 AM - 0 psi on well. RIH w/ swab, tbg dry, no fluid entry over weekend. RU Superior Acid Crew, fill tbg w/ 30 bbls 2% KCL water. Establish injection rate, pump 3000 gals 15% HCL starting rate 5 BPM @ 2700 psi, ending rate 5 BPM @ 2855 psi, flush tbg w/ 40 bbls 2% KCL water. ISIP @ 2100 psi, 15 minute SIP @ 1980 psi. RD acid crew, open well to flat tank, flowback 20 bbls water with a slight trace of oil. Tbg died, RU swab equipment, made 7 swab runs, recovered 10 bbls water and 20 bbls oil. NOTE: Swabbed back 100% oil on the last 3 runs, fluid level staying at 4800'. SDFN @ 5:00 PM.  24 Hour Forecast: Run rods & pump.  Csg Size: 5-1/2", 15.5# Csg Depth: 6050'
11/12/2008	06:00 - 16:00	10.00	TRP	2	COMPLETION

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## Operations Summary Report

Well Name: GD 1G-34-9-15  
 Location: 34- 9-S 15-E 26  
 Rig Name: ENSIGN

Spud Date: 6/15/2008  
 Rig Release: 10/20/2008  
 Rig Number: 57

Date	From - To	Hours	Code	Sub Code	Description of Operations
11/12/2008	06:00 - 16:00	10.00	TRP	2	<p>On 11/11/08 @ 7:00 AM - 30# on tbg. Made 1 swab run. FL @ 4500'; pull f/ SN @ 5885', recovered 6 bbls oil. RD swab equipment, release pkr, POOH w/ tbg &amp; pkr. RIH w/ production tbg. RD rig floor. ND BOP's. Set 5-1/2" B-2 TAC, land tbg on B-1 flange w/ 14000# tension. NU WH &amp; flowlines, X-over to rod equipment. Spot rod trailer, remove thread protectors. SWIFN @ 5:00 PM.</p> <p>24 Hour Forecast: Run rods &amp; pump. RDMO.</p> <p>Csg Size: 5-1/2", 15.5#  Csg Depth: 6050'</p> <p>Tbg Detail  KB 12.0  Stretch 1.50  188 Jts 2-7/8" Tbg 5863.24  5-1/2" B-2 TAC 2.78  PSN 1.10  1 Jt 2-7/8" Tbg 31.82  EOT @ 5912.44</p>
11/13/2008	06:00 - 16:00	10.00	LOC	4	<p>COMPLETION</p> <p>On 11/12/08 @ 7:00 AM - 0# on tbg. Hot oiler flushed w/ 70 bbls chemical water. PU &amp; bucket test new pump - OK. RIH w/ rods and pump, seat &amp; space out. Hole standing full, long stroke pump from 0 to 900 psi in 4 strokes, good test, good pump action. Clamp rods off to wellhead 6" from tag. RDMO. Turn well over to production @ 1:00 PM. Road rig to new location and RU. ND WH, NU BOP's, RU rig floor. SDFN @ 5:00 PM.</p> <p>FINAL REPORT</p> <p>Csg Size: 5-1/2", 15.5#  Csg Depth: 6050'</p> <p>Tbg Detail  KB 12.0  Stretch 1.50  188 Jts 2-7/8" Tbg 5863.24  5-1/2" B-2 TAC 2.78  PSN 1.10  1 Jt 2-7/8" Tbg 31.82  EOT @ 5912.44</p> <p>Rod Detail  1 1/2" x 26' Polish Rod  1 - 4', 1-6' x 7/8" Ponys  98 - 7/8" Slick  137 - 3/4" Slick</p> <p>Pump  National Oilwell  2 1/2" x 1 1/2" x 16 x 19 x 20  RHAC # QS 5539  175" Max Stroke</p> <p>COMPLETION - Not Pumping</p>
11/21/2008	06:00 - 16:00	10.00	HOT	1	<p>COMPLETION - Not Pumping</p>

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## Operations Summary Report

Well Name: GD 1G-34-9-15  
 Location: 34- 9-S 15-E 26  
 Rig Name: ENSIGN

Spud Date: 6/15/2008  
 Rig Release: 10/20/2008  
 Rig Number: 57

Date	From - To	Hours	Code	Sub Code	Description of Operations
11/21/2008	06:00 - 16:00	10.00	HOT	1	<p>On 11/20/08 @ 8:00 AM MIRU, csg was SI w/ 100 psi, tbg had 0 psi. Hot oiler pumped 120 chemical water down csg. Unhang rods, LD H-Head, long stroke pump from 0 to 800 psi in 3 strokes, good test, good pump action. Install H-Head, hang off rods with light tag. SDFN &amp; leave well pumping @ 3:30 PM.</p> <p>FINAL REPORT</p> <p>Csg Size: 5-1/2", 15.5#  Csg Depth: 6050'</p> <p>Tbg Detail  KB 12.0  Stretch 1.50  188 Jts 2-7/8" Tbg 5863.24  5-1/2" B-2 TAC 2.78  PSN 1.10  1 Jt 2-7/8" Tbg 31.82  EOT @ 5912.44</p> <p>Rod Detail  1 1/2" x 26' Polish Rod  1 - 4', 1-6' x 7/8" Ponys  98 - 7/8" Slick  137 - 3/4" Slick</p> <p>Pump  National Oilwell  2 1/2" x 1 1/2" x 16 x 19 x 20  RHAC # QS 5539  175" Max Stroke</p>
12/5/2008	06:00 - 16:00	10.00	HOT	1	<p>COMPLETION</p> <p>On 12/5/08 @ 9:00 AM - MIRU Key #128 Rig. RU hot oiler &amp; circ 60 bbls, 250", production water down csg. Unseat pump &amp; flush tbg w/ 40 bbls same. POOH w/ 26' x 1 1/2" polish rod, 1 - 4'x7/8", 1 - 6'x 7/8", 98 - 7/8" rods, 137 - 3/4" rods and pump. SWIFWE @ 4:00 PM.</p> <p>Csg Size: 5-1/2", 15.5#  Csg Depth: 6050'</p>
12/9/2008	06:00 - 16:00	10.00	BOP	1	<p>COMPLETION</p> <p>On 12/8/08 @ 7:00 AM - Bleed off well. Pump 10 bbls KCL to control well. ND WH, release anchor, NU BOP. POOH w/ 188 jts 2-7/8" tbg, 5-1/2" anchor, 1 jt 2-7/8" tbg &amp; barred notched collar. RU JW wireline &amp; perforate 5-1/2" csg w/ 4 SPF @ 5976' - 5980, 5928' - 5929', 5906' - 5907' &amp; 5825' - 5828'. RD wireline. ND BOP, NU 2 - 7-1/16"x5000 frac valves. SWIFN @ 3:00 PM.</p> <p>24 Hour Forecast:</p> <p>Csg Size: 5-1/2", 15.5#  Csg Depth: 6050'</p>

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## Operations Summary Report

Well Name: GD 1G-34-9-15  
 Location: 34-9-S 15-E 26  
 Rig Name: ENSIGN

Spud Date: 6/15/2008  
 Rig Release: 10/20/2008  
 Rig Number: 57

Date	From - To	Hours	Code	Sub Code	Description of Operations
12/9/2008	06:00 - 16:00	10.00	BOP	1	<p>Perfs:            5976' - 5980'            5928' - 5929'            5906' - 5907'            5825' - 5828'</p>
12/10/2008	06:00 - 16:00	10.00	STIM	3	<p>COMPLETION</p> <p>On 12/9/08 SICP = 0#. MIRU Halliburton frac crew &amp; JW Wireline company. Frac gross perforated Green River interval 5825' - 5980' down 5-1/2" csg using a 16# 2% KCL x-linked gel water system as follows: Pump 800 gals of 15% HCL acid followed by a 3500 gal pad and stage 1-6 ppg 20/40 mesh sand in 11200 gals of fluid and pump 6 ppg 16/30 sand in 850 gals of fluid and flush w/ 5793 gals of slick water. Total of 39600# of 20/40 mesh sand &amp; 4970# of 16/30 sand and a total load of 356 bbls. Max rate = 35.3 BPM; avg rate = 30.6 BPM; Max psi = 3802#; avg psi = 2771#; ISIP = 2972# (.94). Lubricate in a 5-1/2" comp frac plug and set at 5750'.</p> <p>Zone #2: Perforate the following Green River intervals per the CBL log dated 11/6/08 at 4 JPF &amp; 90° phasing w/ a 4" csg gun: 5392-5404'; 5440-48'; &amp; 5612-26' (136 holes). Frac gross perforated interval 5392' - 5626' down 5-1/2" csg using the above system as follows: Pump 800 gals of 15% HCL followed by a 3500 gal pad and stage 1-6 ppg 20/40 mesh sand in 11700 gals of fluid &amp; stage 6 ppg 16/30 mesh sand in 1500 gals of fluid and flush with 5609 gals of slick water. Total of 46000# of 20/40 sand and 8300# of 16/30 sand. Total load of 557 bbls; Max rate = 38.7 BPM; avg rate = 36.4 BPM; max psi = 3333#; avg psi = 2607#; ISIP = 2273# (.85). Lubricate in a 5-1/2" comp frac plug and set @ 4950'.</p> <p>Zone #3: Perforate the following Green River intervals per the above log &amp; gun @ 4 JPF: 4520-26'; 4709-13'; 4728-33'; 4782-94'; 4898-4502'; 4912-14'; &amp; 4924-26' (140 holes). Frac gross perforated interval 4520' - 4926' using the above system as follows: Pump 800 gals of 15% HCL acid followed by a 3500 gal pad &amp; stage 1-6 ppg 20/40 mesh sand in 14700 gals of fluid and pump a 6 ppg 16/30 stage in 400 gals of fluid and flush w/ 4515 gals of slick water. Total of 54800# of 20/40 sand and 2200# of 16/30 sand. Total load of 553 bbls. Max rate = 41.8 BPM; avg rate = 38.4 BPM; max psi = 2566#; avg psi = 1971#; ISIP = 1849# (.83). SIFN. RDMO Halliburton &amp; J-W Wireline. On AM of 12/10/08 SICP = 450#. Bleeding off.</p> <p>24 Hour Forecast: Will clean out well.</p> <p>Csg Size: 5-1/2", 15.5#            Csg Depth: 6050'</p> <p>Perfs:            Zone #1 - Green River            5825-28'; 5888-95'; 5906-07';            5928-29'; 5976-80'            Zone #2 - Green River            5392-5404'; 5440-48'; 5612-26'            Zone #3 - Green River            4520-26'; 4709-4718'; 4728-33';            4782-94'; 4898-4502'; 4912-14';            4924-26'</p>

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## Operations Summary Report

Well Name: GD 1G-34-9-15  
 Location: 34- 9-S 15-E 26  
 Rig Name: ENSIGN

Spud Date: 6/15/2008  
 Rig Release: 10/20/2008  
 Rig Number: 57

Date	From - To	Hours	Code	Sub Code	Description of Operations
12/10/2008	06:00 - 16:00	10.00	STIM	3	<p>COMPLETION</p> <p>On AM of 12/10/08 SICP = 450#. Bled off csg &amp; recovered 240 bbls of water &amp; csg died. ND frac head assembly &amp; NU BOP's. RIH w/ 4-3/4" bit &amp; tbgs &amp; tag sand at 4910' &amp; clean out sand to comp plug @ 4950' and drill out plug. Continue in the hole and tag sand at 5710' &amp; clean out sand to comp plug @ 5750' &amp; drill out plug. Continue in the hole &amp; tag sand at 5950' &amp; clean out sand to PBTD @ 6007'. Circ hole clean &amp; pull bit to 4000' &amp; SIFN.</p> <p>24 Hour Forecast: Will finish POOH w/ bit &amp; tbgs &amp; RIH w/ production tubulars.</p> <p>Csg Size: 5-1/2", 15.5#  Csg Depth: 6050'</p> <p>Perfs:  Zone #1 - Green River  5825-28'; 5888-95'; 5906-07';  5928-29'; 5976-80'  Zone #2 - Green River  5392-5404'; 5440-48'; 5612-26'  Zone #3 - Green River  4520-26'; 4709-4718'; 4728-33';  4782-94'; 4898-4502'; 4912-14';  4924-26'</p>
12/11/2008	06:00 - 16:00	10.00	DRL	5	
12/12/2008	06:00 - 16:00	10.00	BOP	1	<p>COMPLETION</p> <p>On 12/11/08 SITP &amp; SICP = 0#. Finish POOH w/ bit &amp; tbgs. RIH w/ production string as follows: Barred NC; 1 jt of tbgs; SN; 5-1/2" B-2 AC; 188 jts of tbgs. ND BOP's &amp; set anchor with 12M# tension. NUWH. Bucket test new pump. RIH w/ pump; 136 - 3/4" rods; 98 - 7/8" rods; 2-4"x7/8" pony rods &amp; a 26"x1-1/2" polish rod. Seat pump &amp; long stroke to 500# &amp; OK. Hang well off &amp; return well to production. On AM of 12/12/08 well is pumping good. Will RDMO Rocky Mtn Well Service. REPORT DISCONTINUED.</p> <p>Csg Size: 5-1/2", 15.5#  Csg Depth: 6050'</p> <p>Perfs:  Zone #1 - Green River  5825-28'; 5888-95'; 5906-07';  5928-29'; 5976-80'  Zone #2 - Green River  5392-5404'; 5440-48'; 5612-26'  Zone #3 - Green River  4520-26'; 4709-4718'; 4728-33';  4782-94'; 4898-4502'; 4912-14';  4924-26'</p> <p>Tbg Detail:  Barred NC</p>

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## Operations Summary Report

Well Name: GD 1G-34-9-15  
 Location: 34- 9-S 15-E 26  
 Rig Name: ENSIGN

Spud Date: 6/15/2008  
 Rig Release: 10/20/2008  
 Rig Number: 57

Date	From - To	Hours	Code	Sub Code	Description of Operations
12/12/2008	06:00 - 16:00	10.00	BOP	1	<p>1 Jt 2-7/8" Tbg 31.40            PSN 1.10            B-2 AC set w/ 1M# Tension 2.78            188 2-7/8" Jts Tbg 5863.24            12M# Tension 1.50            KB 16.0            Tbg Landed @ 5916.44'; SN @ 5884'; AC @ 5883'; All tbg is 2-7/8" EUE 8rd 6.5# J-55</p> <p>Rod Detail:            136 - 3/4" plain rods (3400')            98 - 7/8" plain rods (2450')            2-4'x7/8" pony rods; 1-26'x1-1/2" polish rod</p> <p>Pump: 2-1/2"x1-1/2"x16x19x20 RHAC (#SR57)</p>
12/19/2008	06:00 - 16:00	10.00	TRP	18	<p>COMPLETION</p> <p>On 12/18/08 @ 7:00 AM - RDMO RW 13-24B, road rig to new location. MIRU Key 128. Hot oiler had 100 bbls chemical water down csg, well circ last 50 bbls. Unhang rods, lay down H-head, long stroke pump from 200 to 800 psi in 3 strokes, good test, good pump action. Add 1 - 2' x 7/8" pony to rod string, install H-head, hang off rods. SDFN. Leave well pumping with light tag @ 6:00 PM.</p> <p>Csg Size: 5-1/2", 15.5#            Csg Depth: 6050'</p> <p>Perfs:            Zone #1 - Green River            5825-28'; 5888-95'; 5906-07';            5928-29'; 5976-80'            Zone #2 - Green River            5392-5404'; 5440-48'; 5612-26'            Zone #3 - Green River            4520-26'; 4709-4718'; 4728-33';            4782-94'; 4898-4502'; 4912-14';            4924-26'</p> <p>Tbg Detail:            Barred NC .42            1 Jt 2-7/8" Tbg 31.40            PSN 1.10            B-2 AC set w/ 1M# Tension 2.78            188 2-7/8" Jts Tbg 5863.24            12M# Tension 1.50            KB 16.0            Tbg Landed @ 5916.44'; SN @ 5884'; AC @ 5883'; All tbg is 2-7/8" EUE 8rd 6.5# J-55</p> <p>Rod Detail:            136 - 3/4" plain rods (3400')            98 - 7/8" plain rods (2450')</p>

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## Operations Summary Report

Legal Well Name: GD 1G-34-9-15

Common Well Name: GD 1G-34-9-15

Event Name: COMPLETION

Contractor Name: Ensign Drilling USD

Rig Name: ENSIGN

Spud Date: 6/15/2008

End: 11/12/2008

Start: 11/5/2008

Rig Release: 10/20/2008

Group:

Rig Number: 57

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/13/2008	06:00 - 16:00	10.00	LOC	4		National Oilwell 2 1/2" x 1 1/2" x 16 x 19 x 20 RHAC # QS 5539 175" Max Stroke
11/21/2008	06:00 - 16:00	10.00	HOT	1		COMPLETION - Not Pumping On 11/20/08 @ 8:00 AM MIRU, csg was SI w/ 100 psi, tbq had 0 psi. Hot oiler pumped 120 chemical water down csg. Unhang rods, LD H-Head, long stroke pump from 0 to 800 psi in 3 strokes, good test, good pump action. Install H-Head, hang off rods with light tag. SDFN & leave well pumping @ 3:30 PM.  FINAL REPORT  Csg Size: 5-1/2", 15.5# Csg Depth: 6050'  Tbg Detail KB 12.0 Stretch 1.50 188 Jts 2-7/8" Tbg 5863.24 5-1/2" B-2 TAC 2.78 PSN 1.10 1 Jt 2-7/8" Tbg 31.82 EOT @ 5912.44  Rod Detail 1 1/2" x 26' Polish Rod 1 - 4', 1-6' x 7/8" Ponys 98 - 7/8" Slick 137 - 3/4" Slick  Pump National Oilwell 2 1/2" x 1 1/2" x 16 x 19 x 20 RHAC # QS 5539 175" Max Stroke COMPLETION On 12/5/08 @ 9:00 AM - MIRU Key #128 Rig. RU hot oiler & circ 60 bbls, 250*, production water down csg. Unseat pump & flush tbq w/ 40 bbls same. POOH w/ 26' x 1 1/2" polish rod, 1 - 4"x7/8", 1 - 6"x 7/8", 98 - 7/8" rods, 137 - 3/4" rods and pump. SWIFWE @ 4:00 PM.  Csg Size: 5-1/2", 15.5# Csg Depth: 6050'
12/5/2008	06:00 - 16:00	10.00	HOT	1		
12/9/2008	06:00 - 16:00	10.00	BOP	1		COMPLETION  On 12/8/08 @ 7:00 AM - Bleed off well. Pump 10 bbls KCL to control well. ND WH, release anchor, NU BOP. POOH w/ 188 jts 2-7/8" tbq, 5-1/2" anchor, 1 jt 2-7/8" tbq & barred notched collar. RU JW wireline & perforate 5-1/2" csg w/ 4 SPF @ 5976' - 5980, 5928' - 5929', 5906' - 5907' & 5825' - 5828'. RD wireline. ND BOP, NU 2 - 7-1/16"x5000 frac

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## Operations Summary Report

Legal Well Name: GD 1G-34-9-15

Common Well Name: GD 1G-34-9-15

Event Name: COMPLETION

Contractor Name: Ensign Drilling USD

Rig Name: ENSIGN

Spud Date: 6/15/2008

End: 11/12/2008

Start: 11/5/2008

Rig Release: 10/20/2008

Group:

Rig Number: 57

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
12/9/2008	06:00 - 16:00	10.00	BOP	1		<p>valves. SWIFN @ 3:00 PM.</p> <p>24 Hour Forecast:</p> <p>Csg Size: 5-1/2", 15.5#</p> <p>Csg Depth: 6050'</p> <p>Perfs:</p> <p>5976' - 5980'</p> <p>5928' - 5929'</p> <p>5906' - 5907'</p> <p>5825' - 5828'</p>
12/10/2008	06:00 - 16:00	10.00	STIM	3		<p>COMPLETION</p> <p>On 12/9/08 SICP = 0#. MIRU Halliburton frac crew &amp; JW Wireline company. Frac gross perforated Green River interval 5825' - 5980' down 5-1/2" csg using a 16# 2% KCL x-linked gel water system as follows: Pump 800 gals of 15% HCL acid followed by a 3500 gal pad and stage 1-6 ppg 20/40 mesh sand in 11200 gals of fluid and pump 6 ppg 16/30 sand in 850 gals of fluid and flush w/ 5793 gals of slick water. Total of 39600# of 20/40 mesh sand &amp; 4970# of 16/30 sand and a total load of 356 bbls. Max rate = 35.3 BPM; avg rate = 30.6 BPM; Max psi = 3802#; avg psi = 2771#; ISIP = 2972# (.94). Lubricate in a 5-1/2" comp frac plug and set at 5750'.</p> <p>Zone #2: Perforate the following Green River intervals per the CBL log dated 11/6/08 at 4 JPF &amp; 90* phasing w/ a 4" csg gun: 5392-5404'; 5440-48'; &amp; 5612-26' (136 holes). Frac gross perforated interval 5392' - 5626' down 5-1/2" csg using the above system as follows: Pump 800 gals of 15% HCL followed by a 3500 gal pad and stage 1-6 ppg 20/40 mesh sand in 11700 gals of fluid &amp; stage 6 ppg 16/30 mesh sand in 1500 gals of fluid and flush with 5609 gals of slick water. Total of 46000# of 20/40 sand and 8300# of 16/30 sand. Total load of 557 bbls; Max rate = 38.7 BPM; avg rate = 36.4 BPM; max psi = 3333#; avg psi = 2607#; ISIP = 2273# (.85). Lubricate in a 5-1/2" comp frac plug and set @ 4950'.</p> <p>Zone #3: Perforate the following Green River intervals per the above log &amp; gun @ 4 JPF: 4520-26'; 4709-13'; 4728-33'; 4782-94'; 4898-4502'; 4912-14'; &amp; 4924-26' (140 holes). Frac gross perforated interval 4520' - 4926' using the above system as follows: Pump 800 gals of 15% HCL acid followed by a 3500 gal pad &amp; stage 1-6 ppg 20/40 mesh sand in 14700 gals of fluid and pump a 6 ppg 16/30 stage in 400 gals of fluid and flush w/ 4515 gals of slick water. Total of 54800# of 20/40 sand and 2200# of 16/30 sand. Total load of 553 bbls. Max rate = 41.8 BPM; avg rate = 38.4 BPM; max psi = 2568#; avg psi = 1971#; ISIP = 1849# (.83). SIFN. RDMO Halliburton &amp; J-W Wireline. On AM of 12/10/08 SICP = 450#. Bleeding off.</p> <p>24 Hour Forecast: Will clean out well.</p> <p>Csg Size: 5-1/2", 15.5#</p>



## Operations Summary Report

Legal Well Name: GD 1G-34-9-15

Common Well Name: GD 1G-34-9-15

Event Name: COMPLETION

Contractor Name: Ensign Drilling USD

Rig Name: ENSIGN

Spud Date: 6/15/2008

End: 11/12/2008

Start: 11/5/2008

Rig Release: 10/20/2008

Group:

Rig Number: 57

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
12/10/2008	06:00 - 16:00	10.00	STIM	3		<p>Csg Depth: 6050'</p> <p>Perfs:</p> <p>Zone #1 - Green River 5825-28'; 5888-95'; 5906-07'; 5928-29'; 5976-80'</p> <p>Zone #2 - Green River 5392-5404'; 5440-48'; 5612-26'</p> <p>Zone #3 - Green River 4520-26'; 4709-4718'; 4728-33'; 4782-94'; 4898-4502'; 4912-14'; 4924-26'</p>
12/11/2008	06:00 - 16:00	10.00	DRL	5		<p>COMPLETION</p> <p>On AM of 12/10/08 SICP = 450#. Bled off csg &amp; recovered 240 bbls of water &amp; csg died. ND frac head assembly &amp; NU BOP's. RIH w/ 4-3/4" bit &amp; tbg &amp; tag sand at 4910' &amp; clean out sand to comp plug @ 4950' and drill out plug. Continue in the hole and tag sand at 5710' &amp; clean out sand to comp plug @ 5750' &amp; drill out plug. Continue in the hole &amp; tag sand at 5950' &amp; clean out sand to PBTD @ 6007'. Circ hole clean &amp; pull bit to 4000' &amp; SIFN.</p> <p>24 Hour Forecast: Will finish POOH w/ bit &amp; tbg &amp; RIH w/ production tubulars.</p> <p>Csg Size: 5-1/2", 15.5# Csg Depth: 6050'</p> <p>Perfs:</p> <p>Zone #1 - Green River 5825-28'; 5888-95'; 5906-07'; 5928-29'; 5976-80'</p> <p>Zone #2 - Green River 5392-5404'; 5440-48'; 5612-26'</p> <p>Zone #3 - Green River 4520-26'; 4709-4718'; 4728-33'; 4782-94'; 4898-4502'; 4912-14'; 4924-26'</p>
12/12/2008	06:00 - 16:00	10.00	BOP	1		<p>COMPLETION</p> <p>On 12/11/08 SITP &amp; SICP = 0#. Finish POOH w/ bit &amp; tbg. RIH w/ production string as follows: Barred NC; 1 jt of tbg; SN; 5-1/2" B-2 AC; 188 jts of tbg. ND BOP's &amp; set anchor with 12M# tension. NUWH. Bucket test new pump. RIH w/ pump; 136 - 3/4" rods; 98 - 7/8" rods; 2-4'x7/8" pony rods &amp; a 26'x1-1/2" polish rod. Seat pump &amp; long stroke to 500# &amp; OK. Hang well off &amp; return well to production. On AM of 12/12/08 well is pumping good. Will RDMO Rocky Mtn Well Service. REPORT DISCONTINUED.</p>

## Operations Summary Report

Legal Well Name: GD 1G-34-9-15

Common Well Name: GD 1G-34-9-15

Event Name: COMPLETION

Contractor Name: Ensign Drilling USD

Rig Name: ENSIGN

Spud Date: 6/15/2008

End: 11/12/2008

Start: 11/5/2008

Rig Release: 10/20/2008

Group:

Rig Number: 57

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
12/12/2008	06:00 - 16:00	10.00	BOP	1		<p>Csg Size: 5-1/2", 15.5# Csg Depth: 6050'</p> <p>Perfs: Zone #1 - Green River 5825-28'; 5888-95'; 5906-07'; 5928-29'; 5976-80' Zone #2 - Green River 5392-5404'; 5440-48'; 5612-26' Zone #3 - Green River 4520-26'; 4709-4718'; 4728-33'; 4782-94'; 4898-4502'; 4912-14'; 4924-26'</p> <p>Tbg Detail: Barred NC .42 1 Jt 2-7/8" Tbg 31.40 PSN 1.10 B-2 AC set w/ 1M# Tension 2.78 188 2-7/8" Jts Tbg 5863.24 12M# Tension 1.50 KB 16.0 Tbg Landed @ 5916.44'; SN @ 5884'; AC @ 5883'; All tbg is 2-7/8" EUE 8rd 6.5# J-55</p> <p>Rod Detail: 136 - 3/4" plain rods (3400') 98 - 7/8" plain rods (2450') 2-4'x7/8" pony rods; 1-26'x1-1/2" polish rod</p> <p>Pump: 2-1/2"x1-1/2"x16x19x20 RHAC (#SR57)</p>
12/19/2008	06:00 - 16:00	10.00	TRP	18		<p>COMPLETION</p> <p>On 12/18/08 @ 7:00 AM - RDMO RW 13-24B, road rig to new location. MIRU Key 128. Hot oiler had 100 bbls chemical water down csg, well circ last 50 bbls. Unhang rods, lay down H-head, long stroke pump from 200 to 800 psi in 3 strokes, good test, good pump action. Add 1 - 2' x 7/8" pony to rod string, install H-head, hang off rods. SDFN. Leave well pumping with light tag @ 6:00 PM.</p> <p>Csg Size: 5-1/2", 15.5# Csg Depth: 6050'</p> <p>Perfs: Zone #1 - Green River 5825-28'; 5888-95'; 5906-07'; 5928-29'; 5976-80' Zone #2 - Green River 5392-5404'; 5440-48'; 5612-26' Zone #3 - Green River 4520-26'; 4709-4718'; 4728-33';</p>

## Operations Summary Report

Legal Well Name: GD 1G-34-9-15

Common Well Name: GD 1G-34-9-15

Event Name: COMPLETION

Contractor Name: Ensign Drilling USD

Rig Name: ENSIGN

Spud Date: 6/15/2008

End: 11/12/2008

Start: 11/5/2008

Rig Release: 10/20/2008

Group:

Rig Number: 57

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
12/19/2008	06:00 - 16:00	10.00	TRP	18		4782-94'; 4898-4502'; 4912-14'; 4924-26'  Tbg Detail: Barred NC .42 1 Jt 2-7/8" Tbg 31.40 PSN 1.10 B-2 AC set w/ 1M# Tension 2.78 188 2-7/8" Jts Tbg 5863.24 12M# Tension 1.50 KB 16.0 Tbg Landed @ 5916.44'; SN @ 5884'; AC @ 5883'; All tbg is 2-7/8" EUE 8rd 6.5# J-55  Rod Detail: 136 - 3/4" plain rods (3400') 98 - 7/8" plain rods (2450') 1 - 2' x 7/8" pony 2-4'x7/8" pony rods; 1-26'x1-1/2" polish rod  Pump: 2-1/2"x1-1/2"x16x19x20 RHAC (#SR57)

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET** (for state use only)

**ROUTING**  
 CDW

Change of Operator (Well Sold)

**X - Operator Name Change**

The operator of the well(s) listed below has changed, effective:

**6/14/2010**

<b>FROM:</b> (Old Operator): N5085-Questar Exploration and Production Company 1050 17th St, Suite 500 Denver, CO 80265  Phone: 1 (303) 308-3048	<b>TO:</b> ( New Operator): N3700-QEP Energy Company 1050 17th St, Suite 500 Denver, CO 80265  Phone: 1 (303) 308-3048
--	---

**CA No.**

**Unit:**

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
SEE ATTACHED								

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 6/28/2010
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 6/28/2010
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 6/24/2010
- 4a. Is the new operator registered in the State of Utah: Business Number: 764611-0143
- 5a. (R649-9-2)Waste Management Plan has been received on: Requested
- 5b. Inspections of LA PA state/fee well sites complete on: n/a
- 5c. Reports current for Production/Disposition & Sundries on: ok
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 8/16/2010 BIA not yet
- Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: 8/16/2010
- Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: N/A
- Underground Injection Control ("UIC")** Division has approved UIC Form 5 Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 6/29/2010

**DATA ENTRY:**

- Changes entered in the **Oil and Gas Database** on: 6/30/2010
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 6/30/2010
- Bond information entered in RBDMS on: 6/30/2010
- Fee/State wells attached to bond in RBDMS on: 6/30/2010
- Injection Projects to new operator in RBDMS on: 6/30/2010
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: ESB000024
- Indian well(s) covered by Bond Number: 965010693
- 3a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 965010695
- 3b. The **FORMER** operator has requested a release of liability from their bond on: n/a

**LEASE INTEREST OWNER NOTIFICATION:**

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

**COMMENTS:**

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____	5. LEASE DESIGNATION AND SERIAL NUMBER: See attached
2. NAME OF OPERATOR: Questar Exploration and Production Company <i>N5085</i>	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: See attached
3. ADDRESS OF OPERATOR: 1050 17th Street, Suite 500 CITY Denver STATE CO ZIP 80265 PHONE NUMBER: (303) 672-6900	7. UNIT or CA AGREEMENT NAME: See attached
4. LOCATION OF WELL FOOTAGES AT SURFACE: See attached	8. WELL NAME and NUMBER: See attached
	9. API NUMBER: Attached
	10. FIELD AND POOL, OR WILDCAT: See attached

COUNTY: Attached

STATE: UTAH

11 CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>6/14/2010</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Operator Name Change</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective June 14, 2010 Questar Exploration and Production Company changed its name to QEP Energy Company. This name change involves only an internal corporate name change and no third party change of operator is involved. The same employees will continue to be responsible for operations of the properties described on the attached list. All operations will continue to be covered by bond numbers:

Federal Bond Number: 965002976 (BLM Reference No. ESB000024)

Utah State Bond Number: ~~965003033~~

Fee Land Bond Number: ~~965003033~~

BIA Bond Number: ~~799446~~

*N3700*

*965010695*

*965010693*

The attached document is an all inclusive list of the wells operated by Questar Exploration and Production Company. As of June 14, 2010 QEP Energy Company assumes all rights, duties and obligations as operator of the properties as described on the list

NAME (PLEASE PRINT) Morgan Anderson

TITLE Regulatory Affairs Analyst

SIGNATURE

DATE 6/23/2010

(This space for State use only)

RECEIVED

JUN 28 2010

DIV. OF OIL, GAS & MINING

(See Instructions on Reverse Side)

APPROVED *6/30/2009*

*Earlene Russell*  
Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician

Questar Exploration Production Company (N5085) to QEP Energy Company (N3700)  
effective June 14, 2010

well_name	sec	tpw	rng	api	entity	mineral lease	type	stat	C
WEST RIVER BEND 3-12-10-15	12	100S	150E	4301331888	14542	Federal	OW	P	C
WEST RIVER BEND 16-17-10-17	17	100S	170E	4301332057	14543	Federal	OW	P	
WEST DESERT SPRING 11-20-10-17	20	100S	170E	4301332088	14545	Federal	OW	S	
GD 8G-35-9-15	35	090S	150E	4301333821		Federal	OW	APD	C
GD 9G-35-9-15	35	090S	150E	4301333822		Federal	OW	APD	C
GD 10G-35-9-15	35	090S	150E	4301333823		Federal	OW	APD	C
GD 11G-35-9-15	35	090S	150E	4301333824		Federal	OW	APD	C
GD 12G-35-9-15	35	090S	150E	4301333825		Federal	OW	APD	C
GD 13G-35-9-15	35	090S	150E	4301333826		Federal	OW	APD	C
GD 1G-34-9-15	34	090S	150E	4301333827	16920	Federal	OW	P	
GD 2G-34-9-15	34	090S	150E	4301333828		Federal	OW	APD	C
GD 7G-34-9-15	34	090S	150E	4301333829		Federal	OW	APD	C
GD 7G-35-9-15	35	090S	150E	4301333830		Federal	OW	APD	C
GD 14G-35-9-15	35	090S	150E	4301333831		Federal	OW	APD	C
GD 15G-35-9-15	35	090S	150E	4301333832		Federal	OW	APD	C
GD 16G-35-9-15	35	090S	150E	4301333833	16921	Federal	OW	P	
GD 1G-35-9-15	35	090S	150E	4301333834		Federal	OW	APD	C
GD 2G-35-9-15	35	090S	150E	4301333835		Federal	OW	APD	C
GD 3G-35-9-15	35	090S	150E	4301333836		Federal	OW	APD	C
GD 4G-35-9-15	35	090S	150E	4301333837		Federal	OW	APD	C
GD 5G-35-9-15	35	090S	150E	4301333838		Federal	OW	APD	C
GD 6G-35-9-15	35	090S	150E	4301333839		Federal	OW	APD	C
GD 8G-34-9-15	34	090S	150E	4301333840		Federal	OW	APD	C
GD 9G-34-9-15	34	090S	150E	4301333841		Federal	OW	APD	C
GD 10G-34-9-15	34	090S	150E	4301333842		Federal	OW	APD	C
GD 15G-34-9-15	34	090S	150E	4301333843		Federal	OW	APD	C
GD 16G-34-9-15	34	090S	150E	4301333844		Federal	OW	APD	C
GOVT 18-2	18	230S	170E	4301930679	2575	Federal	OW	P	
FEDERAL 2-29-7-22	29	070S	220E	4304715423	5266	Federal	GW	TA	
UTAH FED D-1	14	070S	240E	4304715936	10699	Federal	GW	S	
UTAH FED D-2	25	070S	240E	4304715937	9295	Federal	GW	S	
PRINCE 1	10	070S	240E	4304716199	7035	Federal	GW	P	
UTAH FED D-4	14	070S	240E	4304731215	9297	Federal	GW	S	
ISLAND UNIT 16	11	100S	180E	4304731505	1061	Federal	OW	S	
EAST COYOTE FED 14-4-8-25	04	080S	250E	4304732493	11630	Federal	OW	P	
PRINCE 4	03	070S	240E	4304732677	7035	Federal	OW	P	
GH 21 WG	21	080S	210E	4304732692	11819	Federal	GW	P	
OU SG 6-14-8-22	14	080S	220E	4304732746	11944	Federal	GW	S	
FLU KNOLLS FED 23-3	03	100S	180E	4304732754	12003	Federal	OW	P	
GH 22 WG	22	080S	210E	4304732818	12336	Federal	GW	P	
OU GB 12W-20-8-22	20	080S	220E	4304733249	13488	Federal	GW	P	
OU GB 15-18-8-22	18	080S	220E	4304733364	12690	Federal	GW	P	
OU GB 3W-17-8-22	17	080S	220E	4304733513	12950	Federal	GW	P	
OU GB 5W-17-8-22	17	080S	220E	4304733514	12873	Federal	GW	P	
WV 9W-8-8-22	08	080S	220E	4304733515	13395	Federal	GW	P	
OU GB 9W-18-8-22	18	080S	220E	4304733516	12997	Federal	GW	P	
OU GB 3W-20-8-22	20	080S	220E	4304733526	13514	Federal	GW	P	
OU GB 12W-30-8-22	30	080S	220E	4304733670	13380	Federal	GW	P	
WV 10W-8-8-22	08	080S	220E	4304733814	13450	Federal	GW	P	
GH 7W-21-8-21	21	080S	210E	4304733845	13050	Federal	GW	P	
GH 9W-21-8-21	21	080S	210E	4304733846	13074	Federal	GW	P	

Bonds: BLM = ESB000024

BIA = 956010693

State = 965010695



Questar Exploration Production Company (N5085) to QEP Energy Company (N3700)  
effective June 14, 2010

well_name	sec	tpw	rng	api	entity	mineral lease	type	stat	C
GH 11W-21-8-21	21	080S	210E	4304733847	13049	Federal	GW	P	
GH 15W-21-8-21	21	080S	210E	4304733848	13051	Federal	GW	P	
WV 2W-9-8-21	09	080S	210E	4304733905	13676	Federal	GW	P	
WV 7W-22-8-21	22	080S	210E	4304733907	13230	Federal	GW	P	
WV 9W-23-8-21	23	080S	210E	4304733909	13160	Federal	GW	P	
GH 14W-20-8-21	20	080S	210E	4304733915	13073	Federal	GW	P	
OU GB 4W-30-8-22	30	080S	220E	4304733945	13372	Federal	GW	P	
OU GB 9W-19-8-22	19	080S	220E	4304733946	13393	Federal	GW	P	
OU GB 10W-30-8-22	30	080S	220E	4304733947	13389	Federal	GW	P	
OU GB 12W-19-8-22	19	080S	220E	4304733948	13388	Federal	GW	P	
GB 9W-25-8-21	25	080S	210E	4304733960	13390	Federal	GW	P	
SU 1W-5-8-22	05	080S	220E	4304733985	13369	Federal	GW	P	
SU 3W-5-8-22	05	080S	220E	4304733987	13321	Federal	OW	S	
SU 7W-5-8-22	05	080S	220E	4304733988	13235	Federal	GW	P	
SU 9W-5-8-22	05	080S	220E	4304733990	13238	Federal	GW	P	
SU 13W-5-8-22	05	080S	220E	4304733994	13236	Federal	GW	TA	
SU 15W-5-8-22	05	080S	220E	4304733996	13240	Federal	GW	P	
WV 8W-8-8-22	08	080S	220E	4304734005	13320	Federal	GW	P	
WV 14W-8-8-22	08	080S	220E	4304734007	13322	Federal	GW	S	
OU GB 6W-20-8-22	20	080S	220E	4304734018	13518	Federal	GW	P	
OU GB 5W-30-8-22	30	080S	220E	4304734025	13502	Federal	GW	P	
OU GB 11W-20-8-22	20	080S	220E	4304734039	13413	Federal	GW	P	
OU GB 4W-20-8-22	20	080S	220E	4304734043	13520	Federal	GW	P	
GH 5W-21-8-21	21	080S	210E	4304734147	13387	Federal	GW	P	
GH 6W-21-8-21	21	080S	210E	4304734148	13371	Federal	GW	P	
GH 8W-21-8-21	21	080S	210E	4304734149	13293	Federal	GW	P	
GH 10W-20-8-21	20	080S	210E	4304734151	13328	Federal	GW	P	
GH 10W-21-8-21	21	080S	210E	4304734152	13378	Federal	GW	P	
GH 12W-21-8-21	21	080S	210E	4304734153	13294	Federal	GW	P	
GH 14W-21-8-21	21	080S	210E	4304734154	13292	Federal	GW	P	
GH 16W-21-8-21	21	080S	210E	4304734157	13329	Federal	GW	P	
WV 2W-3-8-21	03	080S	210E	4304734207	13677	Federal	GW	P	
OU GB 5W-20-8-22	20	080S	220E	4304734209	13414	Federal	GW	P	
WV 6W-22-8-21	22	080S	210E	4304734272	13379	Federal	GW	P	
GH 1W-20-8-21	20	080S	210E	4304734327	13451	Federal	GW	P	
GH 2W-20-8-21	20	080S	210E	4304734328	13527	Federal	GW	P	
GH 3W-20-8-21	20	080S	210E	4304734329	13728	Federal	GW	P	
GH 7W-20-8-21	20	080S	210E	4304734332	13537	Federal	GW	P	
GH 9W-20-8-21	20	080S	210E	4304734333	13411	Federal	GW	P	
GH 11W-20-8-21	20	080S	210E	4304734334	13410	Federal	GW	P	
GH 15W-20-8-21	20	080S	210E	4304734335	13407	Federal	GW	P	
GH 16W-20-8-21	20	080S	210E	4304734336	13501	Federal	GW	P	
WV 12W-23-8-21	23	080S	210E	4304734343	13430	Federal	GW	P	
OU GB 13W-20-8-22	20	080S	220E	4304734348	13495	Federal	GW	P	
OU GB 14W-20-8-22	20	080S	220E	4304734349	13507	Federal	GW	P	
OU GB 11W-29-8-22	29	080S	220E	4304734350	13526	Federal	GW	P	
SU PURDY 14M-30-7-22	30	070S	220E	4304734384	13750	Federal	GW	S	
WVX 11G-5-8-22	05	080S	220E	4304734388	13422	Federal	OW	P	
WVX 13G-5-8-22	05	080S	220E	4304734389	13738	Federal	OW	P	
WVX 15G-5-8-22	05	080S	220E	4304734390	13459	Federal	OW	P	
SU BRENNAN W 15W-18-7-22	18	070S	220E	4304734403	13442	Federal	GW	TA	

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BIA = 956010693

State = 965010695

Questar Exploration Production Company (N5085) to QEP Energy Company (N3700)  
effective June 14, 2010

well_name	sec	tpw	rng	api	entity	mineral lease	type	stat	C
SU 16W-5-8-22	05	080S	220E	4304734446	13654	Federal	GW	P	
SU 2W-5-8-22	05	080S	220E	4304734455	13700	Federal	GW	P	
SU 10W-5-8-22	05	080S	220E	4304734456	13540	Federal	GW	P	
WV 16W-8-8-22	08	080S	220E	4304734470	13508	Federal	GW	P	
OU GB 16WX-30-8-22	30	080S	220E	4304734506	13431	Federal	GW	P	
OU GB 1W-19-8-22	19	080S	220E	4304734512	13469	Federal	GW	P	
OU GB 2W-19-8-22	19	080S	220E	4304734513	13461	Federal	GW	P	
OU GB 5W-19-8-22	19	080S	220E	4304734514	13460	Federal	GW	P	
OU GB 7W-19-8-22	19	080S	220E	4304734515	13462	Federal	GW	P	
OU GB 8W-19-8-22	19	080S	220E	4304734516	13489	Federal	GW	P	
OU GB 11W-19-8-22	19	080S	220E	4304734517	13467	Federal	GW	P	
OU GB 16W-19-8-22	19	080S	220E	4304734522	13476	Federal	GW	P	
OU GB 1W-30-8-22	30	080S	220E	4304734528	13487	Federal	GW	S	
OU GB 3W-30-8-22	30	080S	220E	4304734529	13493	Federal	GW	P	
OU GB 6W-30-8-22	30	080S	220E	4304734530	13519	Federal	GW	P	
OU GB 7W-30-8-22	30	080S	220E	4304734531	13494	Federal	GW	P	
OU GB 8W-30-8-22	30	080S	220E	4304734532	13483	Federal	GW	P	
OU GB 9W-30-8-22	30	080S	220E	4304734533	13500	Federal	GW	P	
OU GB 6W-19-8-22	19	080S	220E	4304734534	13475	Federal	GW	P	
OU GB 10W-19-8-22	19	080S	220E	4304734535	13479	Federal	GW	P	
OU GB 13W-19-8-22	19	080S	220E	4304734536	13478	Federal	GW	P	
OU GB 14W-19-8-22	19	080S	220E	4304734537	13484	Federal	GW	P	
OU GB 15W-19-8-22	19	080S	220E	4304734538	13482	Federal	GW	P	
OU GB 12W-17-8-22	17	080S	220E	4304734542	13543	Federal	GW	P	
OU GB 6W-17-8-22	17	080S	220E	4304734543	13536	Federal	GW	P	
OU GB 13W-17-8-22	17	080S	220E	4304734544	13547	Federal	GW	P	
OU GB 6W-29-8-22	29	080S	220E	4304734545	13535	Federal	GW	P	
OU GB 3W-29-8-22	29	080S	220E	4304734546	13509	Federal	GW	P	
OU GB 13W-29-8-22	29	080S	220E	4304734547	13506	Federal	GW	P	
OU GB 4W-29-8-22	29	080S	220E	4304734548	13534	Federal	GW	P	
OU GB 5W-29-8-22	29	080S	220E	4304734549	13505	Federal	GW	P	
OU GB 14W-17-8-22	17	080S	220E	4304734550	13550	Federal	GW	P	
OU GB 11W-17-8-22	17	080S	220E	4304734553	13671	Federal	GW	P	
OU GB 14W-29-8-22	29	080S	220E	4304734554	13528	Federal	GW	P	
OU GB 2W-17-8-22	17	080S	220E	4304734559	13539	Federal	GW	P	
OU GB 7W-17-8-22	17	080S	220E	4304734560	13599	Federal	GW	P	
OU GB 16W-18-8-22	18	080S	220E	4304734563	13559	Federal	GW	P	
OU GB 1W-29-8-22	29	080S	220E	4304734573	13562	Federal	GW	P	
OU GB 7W-29-8-22	29	080S	220E	4304734574	13564	Federal	GW	P	
OU GB 8W-29-8-22	29	080S	220E	4304734575	13609	Federal	GW	S	
OU GB 9W-29-8-22	29	080S	220E	4304734576	13551	Federal	GW	P	
OU GB 10W-29-8-22	29	080S	220E	4304734577	13594	Federal	GW	P	
OU GB 15W-29-8-22	29	080S	220E	4304734578	13569	Federal	GW	P	
OU GB 2W-20-8-22	20	080S	220E	4304734599	13664	Federal	GW	P	
OU GB 2W-29-8-22	29	080S	220E	4304734600	13691	Federal	GW	P	
OU GB 15W-17-8-22	17	080S	220E	4304734601	13632	Federal	GW	P	
OU GB 16W-17-8-22	17	080S	220E	4304734602	13639	Federal	GW	P	
OU GB 16W-29-8-22	29	080S	220E	4304734603	13610	Federal	GW	P	
OU GB 1W-20-8-22	20	080S	220E	4304734604	13612	Federal	GW	P	
OU GB 1W-17-8-22	17	080S	220E	4304734623	13701	Federal	GW	P	
OU GB 9W-17-8-22	17	080S	220E	4304734624	13663	Federal	GW	P	

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Questar Exploration Production Company (N5085) to QEP Energy Company (N3700)  
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well_name	sec	tpw	rng	api	entity	mineral lease	type	stat	C
OU GB 10W-17-8-22	17	080S	220E	4304734625	13684	Federal	GW	P	
OU GB 9W-20-8-22	20	080S	220E	4304734630	13637	Federal	GW	P	
OU GB 10W-20-8-22	20	080S	220E	4304734631	13682	Federal	GW	P	
OU GB 15W-20-8-22	20	080S	220E	4304734632	13613	Federal	GW	P	
OU WIH 15MU-21-8-22	21	080S	220E	4304734634	13991	Federal	GW	P	
OU WIH 13W-21-8-22	21	080S	220E	4304734646	13745	Federal	GW	P	
OU GB 11W-15-8-22	15	080S	220E	4304734648	13822	Federal	GW	P	
OU GB 13W-9-8-22	09	080S	220E	4304734654	13706	Federal	GW	P	
OU WIH 14W-21-8-22	21	080S	220E	4304734664	13720	Federal	GW	P	
OU GB 12WX-29-8-22	29	080S	220E	4304734668	13555	Federal	GW	P	
OU WIH 10W-21-8-22	21	080S	220E	4304734681	13662	Federal	GW	P	
OU GB 4G-21-8-22	21	080S	220E	4304734685	13772	Federal	OW	P	
OU GB 3W-21-8-22	21	080S	220E	4304734686	13746	Federal	GW	P	
OU GB 16SG-30-8-22	30	080S	220E	4304734688	13593	Federal	GW	P	
OU WIH 7W-21-8-22	21	080S	220E	4304734689	13716	Federal	GW	P	
OU GB 5W-21-8-22	21	080S	220E	4304734690	13770	Federal	GW	P	
WIH 1MU-21-8-22	21	080S	220E	4304734693	14001	Federal	GW	P	
OU GB 5G-19-8-22	19	080S	220E	4304734695	13786	Federal	OW	P	
OU GB 7W-20-8-22	20	080S	220E	4304734705	13710	Federal	GW	P	
OU SG 14W-15-8-22	15	080S	220E	4304734710	13821	Federal	GW	P	
OU SG 15W-15-8-22	15	080S	220E	4304734711	13790	Federal	GW	P	
OU SG 16W-15-8-22	15	080S	220E	4304734712	13820	Federal	GW	P	
OU SG 4W-15-8-22	15	080S	220E	4304734713	13775	Federal	GW	P	
OU SG 12W-15-8-22	15	080S	220E	4304734714	13838	Federal	GW	P	
OU GB 5MU-15-8-22	15	080S	220E	4304734715	13900	Federal	GW	P	
OU SG 8W-15-8-22	15	080S	220E	4304734717	13819	Federal	GW	P	
OU SG 9W-15-8-22	15	080S	220E	4304734718	13773	Federal	GW	P	
OU SG 10W-15-8-22	15	080S	220E	4304734719	13722	Federal	GW	P	
OU SG 2MU-15-8-22	15	080S	220E	4304734721	13887	Federal	GW	P	
OU SG 7W-15-8-22	15	080S	220E	4304734722	13920	Federal	GW	P	
OU GB 14SG-29-8-22	29	080S	220E	4304734743	14034	Federal	GW	P	
OU GB 16SG-29-8-22	29	080S	220E	4304734744	13771	Federal	GW	P	
OU GB 13W-10-8-22	10	080S	220E	4304734754	13774	Federal	GW	P	
OU GB 6MU-21-8-22	21	080S	220E	4304734755	14012	Federal	GW	P	
OU SG 10W-10-8-22	10	080S	220E	4304734764	13751	Federal	GW	P	
OU GB 14M-10-8-22	10	080S	220E	4304734768	13849	Federal	GW	P	
OU SG 9W-10-8-22	10	080S	220E	4304734783	13725	Federal	GW	P	
OU SG 16W-10-8-22	10	080S	220E	4304734784	13781	Federal	GW	P	
SU BW 6M-7-7-22	07	070S	220E	4304734837	13966	Federal	GW	P	
GB 3M-27-8-21	27	080S	210E	4304734900	14614	Federal	GW	P	
WVX 11D-22-8-21	22	080S	210E	4304734902	14632	Federal	GW	P	
GB 11M-27-8-21	27	080S	210E	4304734952	13809	Federal	GW	P	
GB 9D-27-8-21	27	080S	210E	4304734956	14633	Federal	GW	P	
GB 1D-27-8-21	27	080S	210E	4304734957	14634	Federal	GW	P	
WRU EIH 2M-35-8-22	35	080S	220E	4304735052	13931	Federal	GW	P	
GH 12MU-20-8-21	20	080S	210E	4304735069	14129	Federal	GW	P	
OU SG 4W-11-8-22	11	080S	220E	4304735071	14814	Federal	GW	OPS	C
OU SG 5W-11-8-22	11	080S	220E	4304735072	14815	Federal	GW	OPS	C
SG 6ML-11-8-22	11	080S	220E	4304735073	14825	Federal	GW	P	
OU SG 5MU-14-8-22	14	080S	220E	4304735076	13989	Federal	GW	P	
OU SG 6MU-14-8-22	14	080S	220E	4304735077	14128	Federal	GW	P	

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SG 12MU-14-8-22	14	080S	220E	4304735078	13921	Federal	GW	P	
OU SG 13MU-14-8-22	14	080S	220E	4304735079	13990	Federal	GW	P	
OU SG 9MU-11-8-22	11	080S	220E	4304735091	13967	Federal	GW	P	
SG 11SG-23-8-22	23	080S	220E	4304735099	13901	Federal	GW	TA	
OU SG 14W-11-8-22	11	080S	220E	4304735114	14797	Federal	GW	OPS	C
SG 5MU-23-8-22	23	080S	220E	4304735115	14368	Federal	GW	P	
SG 6MU-23-8-22	23	080S	220E	4304735116	14231	Federal	GW	P	
SG 14MU-23-8-22	23	080S	220E	4304735117	14069	Federal	GW	P	
SG 12MU-23-8-22	23	080S	220E	4304735188	14412	Federal	GW	P	
SG 13MU-23-8-22	23	080S	220E	4304735190	14103	Federal	GW	P	
WH 7G-10-7-24	10	070S	240E	4304735241	14002	Federal	GW	S	
GB 4D-28-8-21	28	080S	210E	4304735246	14645	Federal	GW	P	
GB 7M-28-8-21	28	080S	210E	4304735247	14432	Federal	GW	P	
GB 14M-28-8-21	28	080S	210E	4304735248	13992	Federal	GW	P	
SG 11MU-23-8-22	23	080S	220E	4304735257	13973	Federal	GW	P	
SG 15MU-14-8-22	14	080S	220E	4304735328	14338	Federal	GW	P	
EIHX 14MU-25-8-22	25	080S	220E	4304735330	14501	Federal	GW	P	
EIHX 11MU-25-8-22	25	080S	220E	4304735331	14470	Federal	GW	P	
NBE 12ML-10-9-23	10	090S	230E	4304735333	14260	Federal	GW	P	
NBE 13ML-17-9-23	17	090S	230E	4304735334	14000	Federal	GW	P	
NBE 4ML-26-9-23	26	090S	230E	4304735335	14215	Federal	GW	P	
SG 7MU-11-8-22	11	080S	220E	4304735374	14635	Federal	GW	S	
SG 1MU-11-8-22	11	080S	220E	4304735375	14279	Federal	GW	P	
OU SG 13W-11-8-22	11	080S	220E	4304735377	14796	Federal	GW	OPS	C
SG 3MU-11-8-22	11	080S	220E	4304735379	14978	Federal	GW	P	
SG 8MU-11-8-22	11	080S	220E	4304735380	14616	Federal	GW	P	
SG 2MU-11-8-22	11	080S	220E	4304735381	14636	Federal	GW	P	
SG 10MU-11-8-22	11	080S	220E	4304735382	14979	Federal	GW	P	
SU 11MU-9-8-21	09	080S	210E	4304735412	14143	Federal	GW	P	
OU GB 8MU-10-8-22	10	080S	220E	4304735422	15321	Federal	GW	OPS	C
EIHX 2MU-25-8-22	25	080S	220E	4304735427	14666	Federal	GW	P	
EIHX 1MU-25-8-22	25	080S	220E	4304735428	14705	Federal	GW	P	
EIHX 7MU-25-8-22	25	080S	220E	4304735429	14682	Federal	GW	P	
EIHX 8MU-25-8-22	25	080S	220E	4304735430	14706	Federal	GW	P	
EIHX 9MU-25-8-22	25	080S	220E	4304735433	14558	Federal	GW	P	
EIHX 16MU-25-8-22	25	080S	220E	4304735434	14502	Federal	GW	P	
EIHX 15MU-25-8-22	25	080S	220E	4304735435	14571	Federal	GW	P	
EIHX 10MU-25-8-22	25	080S	220E	4304735436	14537	Federal	GW	P	
GB 3MU-3-8-22	03	080S	220E	4304735457	14575	Federal	GW	P	
NBE 15M-17-9-23	17	090S	230E	4304735463	14423	Federal	GW	P	
NBE 7ML-17-9-23	17	090S	230E	4304735464	14232	Federal	GW	P	
NBE 3ML-17-9-23	17	090S	230E	4304735465	14276	Federal	GW	P	
NBE 11M-17-9-23	17	090S	230E	4304735466	14431	Federal	GW	P	
NBE 10ML-10-9-23	10	090S	230E	4304735650	14377	Federal	GW	P	
NBE 6ML-10-9-23	10	090S	230E	4304735651	14422	Federal	GW	P	
NBE 12ML-17-9-23	17	090S	230E	4304735652	14278	Federal	GW	P	
NBE 6ML-26-9-23	26	090S	230E	4304735664	14378	Federal	GW	P	
NBE 11ML-26-9-23	26	090S	230E	4304735665	14340	Federal	GW	P	
NBE 15ML-26-9-23	26	090S	230E	4304735666	14326	Federal	GW	P	
SG 4MU-23-8-22	23	080S	220E	4304735758	14380	Federal	GW	P	
SG 11MU-14-8-22	14	080S	220E	4304735829	14486	Federal	GW	P	

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well_name	sec	tpw	rng	api	entity	mineral lease	type	stat	C
RB DS FED 1G-7-10-18	07	100S	180E	4304735932	14457	Federal	OW	S	
RB DS FED 14G-8-10-18	08	100S	180E	4304735933	14433	Federal	OW	P	
OU SG 14MU-14-8-22	14	080S	220E	4304735950	14479	Federal	GW	P	
COY 12ML-24-8-24	24	080S	240E	4304736039	14592	Federal	OW	P	
WIH 1AMU-21-8-22	21	080S	220E	4304736060	14980	Federal	GW	P	
SU 8M-12-7-21	12	070S	210E	4304736096	16610	Federal	GW	OPS	C
NBE 4ML-10-9-23	10	090S	230E	4304736098	15732	Federal	GW	P	
NBE 8ML-10-9-23	10	090S	230E	4304736099	15733	Federal	GW	P	
NBE 16ML-10-9-23	10	090S	230E	4304736100	14728	Federal	GW	S	
SUBW 14M-7-7-22	07	070S	220E	4304736136	15734	Federal	GW	P	
NBE 8ML-12-9-23	12	090S	230E	4304736143	15859	Federal	GW	S	
GB 16D-28-8-21	28	080S	210E	4304736260	14981	Federal	GW	P	
NBE 5ML-10-9-23	10	090S	230E	4304736353	15227	Federal	GW	P	
NBE 7ML-10-9-23	10	090S	230E	4304736355	15850	Federal	GW	P	
NBE 3ML-10-9-23	10	090S	230E	4304736356	15393	Federal	GW	P	
EIHX 4MU-36-8-22	36	080S	220E	4304736444	14875	Federal	GW	P	
EIHX 3MU-36-8-22	36	080S	220E	4304736445	14860	Federal	GW	P	
EIHX 2MU-36-8-22	36	080S	220E	4304736446	14840	Federal	GW	S	
EIHX 1MU-36-8-22	36	080S	220E	4304736447	14861	Federal	GW	P	
NBE 7ML-26-9-23	26	090S	230E	4304736587	16008	Federal	GW	P	
NBE 8ML-26-9-23	26	090S	230E	4304736588	15689	Federal	GW	P	
NBE 1ML-26-9-23	26	090S	230E	4304736589	15880	Federal	GW	P	
NBE 2ML-26-9-23	26	090S	230E	4304736590	15898	Federal	GW	S	
NBE 3ML-26-9-23	26	090S	230E	4304736591	15906	Federal	GW	P	
NBE 5ML-26-9-23	26	090S	230E	4304736592	15839	Federal	GW	P	
NBE 9ML-10-9-23	10	090S	230E	4304736593	15438	Federal	GW	P	
NBE 11ML-10-9-23	10	090S	230E	4304736594	15228	Federal	GW	P	
NBE 15ML-10-9-23	10	090S	230E	4304736595	15439	Federal	GW	P	
NBE 2ML-17-9-23	17	090S	230E	4304736614	15126	Federal	GW	P	
NBE 4ML-17-9-23	17	090S	230E	4304736615	15177	Federal	GW	P	
NBE 6ML-17-9-23	17	090S	230E	4304736616	15127	Federal	GW	S	
NBE 10ML-17-9-23	17	090S	230E	4304736617	15128	Federal	GW	P	
NBE 14ML-17-9-23	17	090S	230E	4304736618	15088	Federal	GW	P	
NBE 9ML-26-9-23	26	090S	230E	4304736619	15322	Federal	GW	P	
NBE 10D-26-9-23	26	090S	230E	4304736620	15975	Federal	GW	S	
NBE 12ML-26-9-23	26	090S	230E	4304736621	15840	Federal	GW	P	
NBE 13ML-26-9-23	26	090S	230E	4304736622	15690	Federal	GW	P	
NBE 14ML-26-9-23	26	090S	230E	4304736623	15262	Federal	GW	P	
NBE 16ML-26-9-23	26	090S	230E	4304736624	15735	Federal	GW	P	
WF 1P-1-15-19	06	150S	200E	4304736781	14862	Indian	GW	P	
SG 3MU-23-8-22	14	080S	220E	4304736940	15100	Federal	GW	P	
NBE 5ML-17-9-23	17	090S	230E	4304736941	15101	Federal	GW	P	
TU 14-9-7-22	09	070S	220E	4304737345	16811	Federal	GW	OPS	C
WF 14C-29-15-19	29	150S	190E	4304737541	15178	Indian	GW	P	
NBE 2ML-10-9-23	10	090S	230E	4304737619	15860	Federal	GW	P	
GB 16ML-20-8-22	20	080S	220E	4304737664	15948	Federal	GW	P	
WVX 8ML-5-8-22	05	080S	220E	4304738140		Federal	GW	APD	C
WVX 6ML-5-8-22	05	080S	220E	4304738141		Federal	GW	APD	C
WVX 1MU-17-8-21	17	080S	210E	4304738156		Federal	GW	APD	C
GH 8-20-8-21	20	080S	210E	4304738157		Federal	GW	APD	C
WVX 4MU-17-8-21	17	080S	210E	4304738190		Federal	GW	APD	C

Bonds: BLM = ESB000024

BIA = 956010693

State = 965010695

Questar Exploration Production Company (N5085) to QEP Energy Company (N3700)  
effective June 14, 2010

well_name	sec	tpw	rng	api	entity	mineral lease	type	stat	C
WVX 16MU-18-8-21	18	080S	210E	4304738191		Federal	GW	APD	C
GH 7D-19-8-21	19	080S	210E	4304738267	16922	Federal	GW	P	
WF 8C-15-15-19	15	150S	190E	4304738405	17142	Indian	GW	OPS	C
WVX 1MU-18-8-21	18	080S	210E	4304738659		Federal	GW	APD	C
WVX 9MU-18-8-21	18	080S	210E	4304738660		Federal	GW	APD	C
GB 12SG-29-8-22	29	080S	220E	4304738766	16096	Federal	GW	S	
GB 10SG-30-8-22	30	080S	220E	4304738767	16143	Federal	GW	S	
FR 14P-20-14-20	20	140S	200E	4304739168	16179	Federal	GW	P	
SU 11M-8-7-22	08	070S	220E	4304739175		Federal	GW	APD	C
HB 2M-9-7-22	09	070S	220E	4304739176		Federal	GW	APD	C
SUMA 4M-20-7-22	20	070S	220E	4304739177		Federal	GW	APD	C
SU 16M-31-7-22	31	070S	220E	4304739178		Federal	GW	APD	C
FR 13P-20-14-20	20	140S	200E	4304739226	16719	Federal	GW	P	
SG 11BML-23-8-22	23	080S	220E	4304739230		Federal	GW	APD	C
SG 12DML-23-8-22	23	080S	220E	4304739231		Federal	GW	APD	C
GB 1CML-29-8-22	29	080S	220E	4304739232		Federal	GW	APD	C
NBE 8CD-10-9-23	10	090S	230E	4304739341	16513	Federal	GW	P	
NBE 15AD-10-9-23	10	090S	230E	4304739342		Federal	GW	APD	C
NBE 6DD-10-9-23	10	090S	230E	4304739343		Federal	GW	APD	C
NBE 6AD-10-9-23	10	090S	230E	4304739344		Federal	GW	APD	C
NBE 6BD-10-9-23	10	090S	230E	4304739345		Federal	GW	APD	C
NBE 5DD-10-9-23	10	090S	230E	4304739346	16574	Federal	GW	P	
NBE 7BD-17-9-23	17	090S	230E	4304739347		Federal	GW	APD	C
NBE 4DD-17-9-23	17	090S	230E	4304739348	16743	Federal	GW	P	
NBE 10CD-17-9-23	17	090S	230E	4304739349	16616	Federal	GW	P	
NBE 11CD-17-9-23	17	090S	230E	4304739350		Federal	GW	APD	C
NBE 8BD-26-9-23	26	090S	230E	4304739351	16617	Federal	GW	P	
NBE 3DD-26-9-23	26	090S	230E	4304739352		Federal	GW	APD	C
NBE 3CD-26-9-23	26	090S	230E	4304739353		Federal	GW	APD	C
NBE 7DD-26-9-23	26	090S	230E	4304739354		Federal	GW	APD	C
NBE 12AD-26-9-23	26	090S	230E	4304739355		Federal	GW	APD	C
NBE 5DD-26-9-23	26	090S	230E	4304739356		Federal	GW	APD	C
NBE 13AD-26-9-23	26	090S	230E	4304739357		Federal	GW	APD	C
NBE 14AD-26-9-23	26	090S	230E	4304739358		Federal	GW	APD	C
NBE 9CD-26-9-23	26	090S	230E	4304739359		Federal	GW	APD	C
FR 9P-20-14-20	20	140S	200E	4304739461	17025	Federal	GW	S	
FR 13P-17-14-20	17	140S	200E	4304739462		Federal	GW	APD	C
FR 9P-17-14-20	17	140S	200E	4304739463	16829	Federal	GW	P	
FR 10P-20-14-20	20	140S	200E	4304739465		Federal	GW	APD	C
FR 5P-17-14-20	17	140S	200E	4304739509		Federal	GW	APD	C
FR 15P-17-14-20	17	140S	200E	4304739510		Federal	GW	APD	C
FR 11P-20-14-20	20	140S	200E	4304739587		Federal	GW	APD	
FR 5P-20-14-20	20	140S	200E	4304739588		Federal	GW	APD	C
FR 9P-21-14-20	21	140S	200E	4304739589		Federal	GW	APD	C
FR 13P-21-14-20	21	140S	200E	4304739590		Federal	GW	APD	C
GB 7D-27-8-21	27	080S	210E	4304739661		Federal	GW	APD	C
GB 15D-27-8-21	27	080S	210E	4304739662	16830	Federal	GW	P	
WV 13D-23-8-21	23	080S	210E	4304739663	16813	Federal	GW	P	
WV 15D-23-8-21	23	080S	210E	4304739664	16924	Federal	GW	P	
FR 14P-17-14-20	17	140S	200E	4304739807		Federal	GW	APD	C
FR 12P-20-14-20	20	140S	200E	4304739808		Federal	GW	APD	C

Bonds: BLM = ESB000024

BIA = 956010693

State = 965010695



Questar Exploration Production Company (N5085) to QEP Energy Company (N3700)  
effective June 14, 2010

well_name	sec	tpw	rng	api	entity	mineral lease	type	stat	C
FR 6P-20-14-20	20	140S	200E	4304739809	16925	Federal	GW	P	
FR 3P-21-14-20	21	140S	200E	4304739810		Federal	GW	APD	C
FR 4P-21-14-20	21	140S	200E	4304739811	16771	Federal	GW	P	
FR 8P-21-14-20	21	140S	200E	4304739812		Federal	GW	APD	C
FR 15P-21-14-20	21	140S	200E	4304739815		Federal	GW	APD	C
FR 2P-20-14-20	20	140S	200E	4304740053		Federal	GW	APD	
FR 2P-21-14-20	21	140S	200E	4304740200		Federal	GW	APD	C
WV 11-23-8-21	23	080S	210E	4304740303		Federal	GW	APD	C
GB 12-27-8-21	27	080S	210E	4304740304		Federal	GW	APD	C
GH 11C-20-8-21	20	080S	210E	4304740352		Federal	GW	APD	C
GH 15A-20-8-21	20	080S	210E	4304740353		Federal	GW	APD	C
GH 10BD-21-8-21	21	080S	210E	4304740354		Federal	GW	APD	C
FR 11P-21-14-20	21	140S	200E	4304740366		Federal	GW	APD	C
MELANGE U 1	09	140S	200E	4304740399		Federal	GW	APD	C
OP 16G-12-7-20	12	070S	200E	4304740481	17527	Federal	OW	DRL	C
OP 4G-12-7-20	12	070S	200E	4304740482		Federal	OW	APD	C
WF 8D-21-15-19	21	150S	190E	4304740489		Indian	GW	APD	C
WF 15-21-15-19	21	150S	190E	4304740490		Indian	GW	APD	
WF 4D-22-15-19	22	150S	190E	4304740491		Indian	GW	APD	C

Bonds: BLM = ESB000024

BIA = 956010693

State = 965010695



## United States Department of the Interior

### BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, UT 84145-0155

<http://www.blm.gov/ut/st/en.html>



IN REPLY REFER TO:

3100

(UT-922)

JUL 28 2010

#### Memorandum

To: Vernal Field Office, Price Field Office, Moab Field Office

From: Chief, Branch of Minerals

*Roger L. Bankert*

Subject: Name Change Recognized

Attached is a copy of the Certificate of Name Change issued by the Texas Secretary of State and a decision letter recognizing the name change from the Eastern States Office. We have updated our records to reflect the name change in the attached list of leases.

The name change from **Questar Exploration and Production Company** into **QEP Energy Company** is effective June 8, 2010.

cc: MMS  
UDOGM

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AUG 16 2010

DIV. OF OIL, GAS & MINES

State of Utah  
Division of Oil, Gas and Mining

ENTITY ACTION FORM - FORM 6

OPERATOR: QEP Energy Company  
ADDRESS: 11002 East 17500 South  
Vernal, Utah 84078 (435)781-4342

OPERATOR ACCT. No. N-3700

Action Code	Current Entity No.	New Entity No.	API Number	Well Name	QQ	SC	TP	RG	County	Spud Date	Effective Date
B	16920	17719	43-013-33827	GD 1G 34 9 15	NENE	34	9S	15	Uintah	6/15/2008	6/28/2010
WELL 1 COMMENTS: <u>GRRV</u>											8/12/10
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

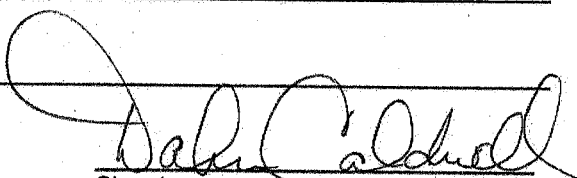
NOTE: Use COMMENT section to explain why each Action Code was selected

(3/89)

RECEIVED

AUG 10 2010

DIV. OF OIL, GAS & MINING

  
Signature

Office Administrator      8/9/2010  
Title      Date

Phone No. (435)781-4342

**CONFIDENTIAL**



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155  
<http://www.blm.gov>



IN REPLY REFER TO:  
3160 - UTU87711X  
(UT-922100)

SEP 12 2011

GD 1G-3A-9-15  
9S 15E 34

Certified Mail - Return Receipt Requested - 7007-2560-0000-5769-8529

QEP Energy Company  
1050 17th Street, Suite 500  
Denver, Colorado 80265  
Attn: Raul Chavez

Re: Invalidation of Kraken Unit  
Duchesne County, Utah

Dear Mr. Chavez:

In accordance with the Certification and Determination of the Kraken Unit Agreement, said unit agreement is hereby declared *invalid ab initio*.

The decision is based on your failure to commence drilling requirements within specified timeframes as outlined in Section 9 of the Kraken Unit Agreement.

Please advise all interest parties of the invalidation of the Kraken Unit, Duchesne County, Utah.

You have the right to request a State Director Review of our decision as specified in 43 CFR 3165.3. Such request, including all supporting documentation, must be filed in writing within twenty (20) business days of this notice to State Director (UT-920), Bureau of Land Management, P.O. Box 45155, Salt Lake City, Utah 84145-0155. As stated in the regulations at 43 CFR 3165.3(e), a request for State Director Review does not automatically suspend the decision.

Sincerely,

/s/ Roger L. Bankert

Roger L. Bankert  
Chief, Branch of Minerals

RECEIVED

SEP 14 2011

DIV. OF OIL, GAS & MINING

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 6

C

**ENTITY ACTION FORM**

Operator: QEP ENERGY COMPANY  
Address: 11002 EAST 17500 SOUTH  
city VERNAL  
state UT zip 84078

Operator Account Number: N 3700

Phone Number: (435) 781-4369

**Well 1**

API Number	Well Name		QQ	Sec	Twp	Rng	County
4301333827	GD 1G-34-9-15		NENE	34	9S	15E	DUCHESNE
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
C	17719	18651	6/13/2008			9/1/2011	
Comments: <u>GRRV</u> <u>7/3/2012</u>							

**Well 2**

API Number	Well Name		QQ	Sec	Twp	Rng	County
4301333833	GD 16G-35-9-15		SESE	35	9S	15E	DUCHESNE
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
C	17719	18652	6/14/2008			9/1/2011	
Comments: <u>GRRV</u> <u>7/3/2012</u>							

**Well 3**

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
Comments:							

**ACTION CODES:**

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

Valyn Davis

Name (Please Print)

Valyn Davis

Signature

Regulatory Affairs Analyst

7/30/2012

Date

Date

JUL 30 2012

RECEIVED